

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

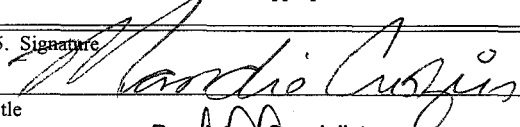
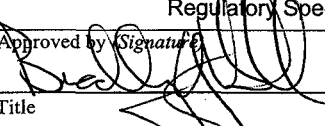
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-74398
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Beluga Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Beluga Federal S-8-9-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33930
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/SE 1935' FSL 725' FEL At proposed prod. zone 1270' FSL 1305' FEL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 14.0 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 8, T9S R17E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 50' f/lse, 1305' f/unit	16. No. of Acres in lease 40.00	17. Spacing Unit dedicated to this well 20 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1303'	19. Proposed Depth 6070'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5306' GL	22. Approximate date work will start* 2 nd Quarter 2008	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 3/7/08
Title Regulatory Specialist		
Approved by Signature 	Name (Printed/Typed) BRADLEY G. HILL	Date 03-24-08
Title ENVIRONMENTAL MANAGER		

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this
Action is Necessary

RECEIVED

MAR 14 2008

DIV. OF OIL, GAS & MINING

Surf

BILL

583186X
4432630Y
40.041694
-110.024902

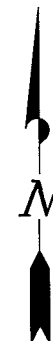
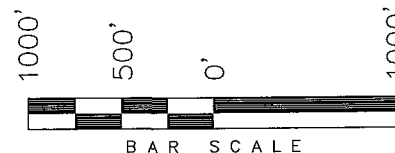
583359X
4432836Y
40.043527
-110.022847

T9S, R17E, S.L.B.&M.

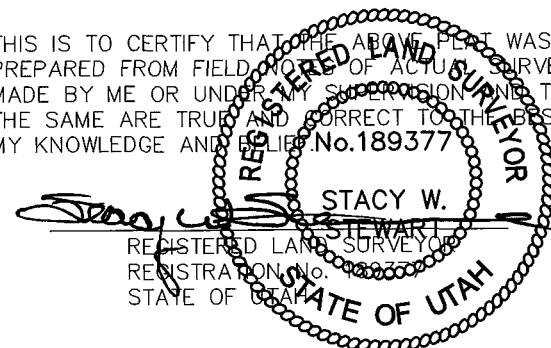
S89°56'W - 80.04 (G.L.O.)

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, BELUGA UNIT S-8-9-17,
LOCATED AS SHOWN IN THE NE 1/4 SE
1/4 OF SECTION 8, T9S, R17E, S.L.B.&M.
DUCHESNE COUNTY, UTAH.



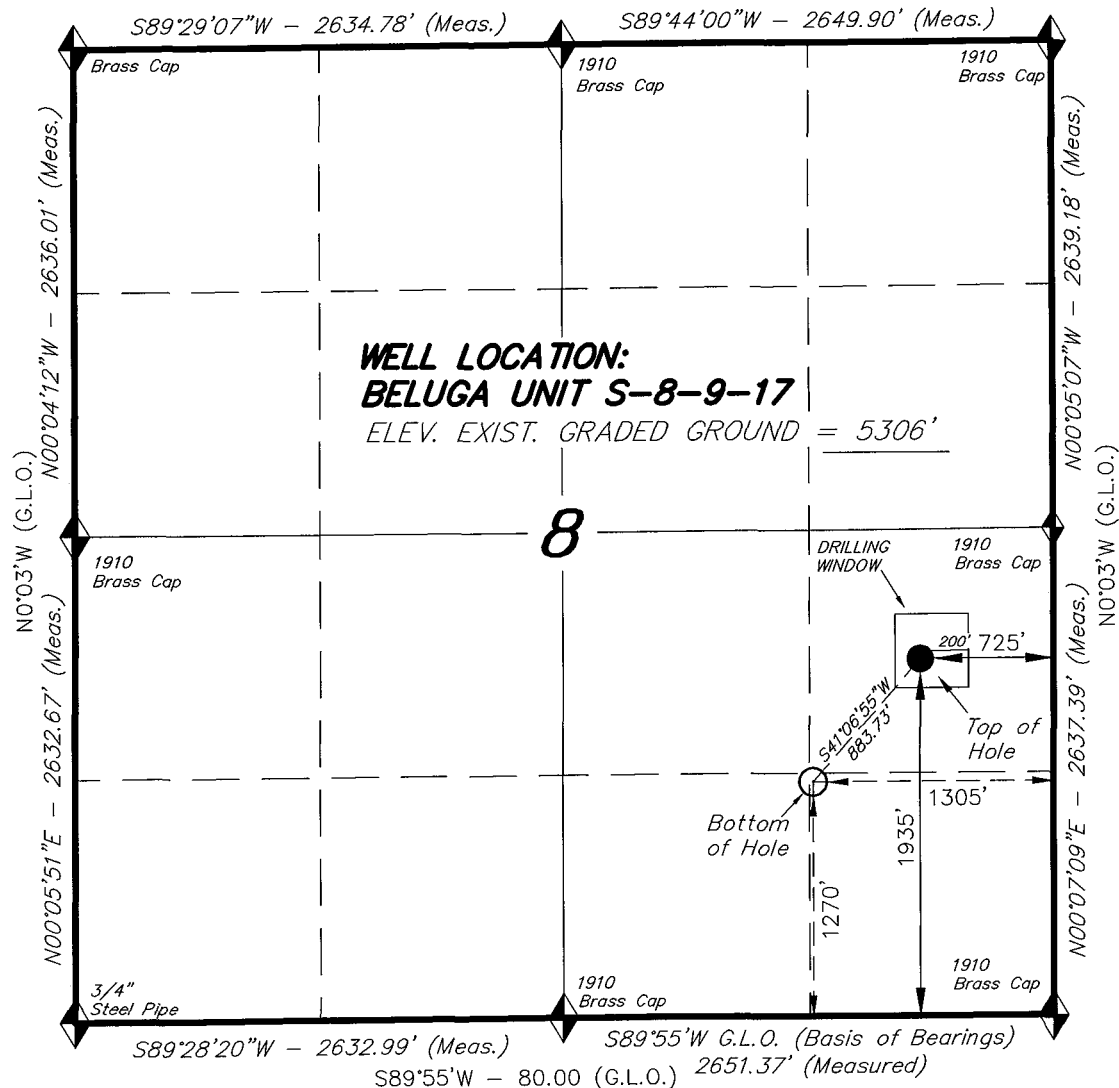
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 11-28-07	SURVEYED BY: T.H.
DATE DRAWN: 12-10-07	DRAWN BY: F.T.M.
REVISED: 02-15-08 F.T.M.	SCALE: 1" = 1000'



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

BELUGA UNIT S-8-9-17
(Surface Location) NAD 83
LATITUDE = 40° 02' 36.67"
LONGITUDE = 110° 01' 24.98"

**NEWFIELD PRODUCTION COMPANY
BELUGA FEDERAL #S-8-9-17
AT SURFACE: NE/SE SECTION 8, T9S, R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 1368'
Green River	1368'
Wasatch	6070'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1368' – 6070' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
BELUGA FEDERAL #S-8-9-17
AT SURFACE: NE/SE SECTION 8, T9S, R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Beluga Federal #S-8-9-17 located in the NE 1/4 SE 1/4 Section 8, T9S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly - 11.5 miles \pm to it's junction with an existing dirt road to the southwest; proceed southwesterly - 1.0 miles \pm to it's junction with an existing road to the southwest; proceed southwesterly 110' \pm to it's junction with the beginning of the access road to the existing Paiute Federal 43-8-9-17 well location.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Paiute Federal 43-8-9-17 well pad. See attached **Topographic Map "B"**.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the Paiute Federal 43-8-9-17 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Beluga Federal S-8-9-17. All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District
Water Right: 43-10136

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

Newfield Collector Well
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Beluga Federal S-8-9-17 will be drilled off of the existing Paiute Federal 43-8-9-17 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

Newfield Production Company requests 90' of disturbed area be granted in Lease UTU-74108 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP. In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

The Archaeological Resource Survey and Paleontological Resource Survey for the 90' of proposed water injection pipeline will be forthcoming.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

None for the proposed Beluga Federal S-8-9-17.

Reserve Pit Liner

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Squirrel Tail	<i>Elymus Elymoides</i>	5 lbs/acre
Crested Wheatgrass	<i>Agropyron Cristatum</i>	5 lbs/acre
Gardner Saltbush	<i>Atriplex Gardneri</i>	0.5 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	0.5 lbs/acre
Forage Kochia	<i>Kochia Prostrata</i>	0.25 lbs/acre

Details of the On-Site Inspection

The proposed Beluga Federal S-8-9-17 was on-sited on 1/15/08. The following were present; Dave Allred (Newfield Production), Kevan Stevens (Newfield Production), Michael Cutler (Bureau of Land Management), and Brandon McDonald (Bureau of Land Management). Weather conditions were clear and ground covered by snow.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Kevan Stevens
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721


Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #S-8-9-17 Section 8, Township 9S, Range 17E: Lease UTU-74108 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

3/7/08

Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company



Scientific Drilling
Rocky Mountain Operations

Project: Duchesne County, UT NAD83 UTC
Site: Beluga Unit
Well: Beluga Unit S-8-9-17
Wellbore: OH
Design: Plan #1

Newfield Exploration Co.

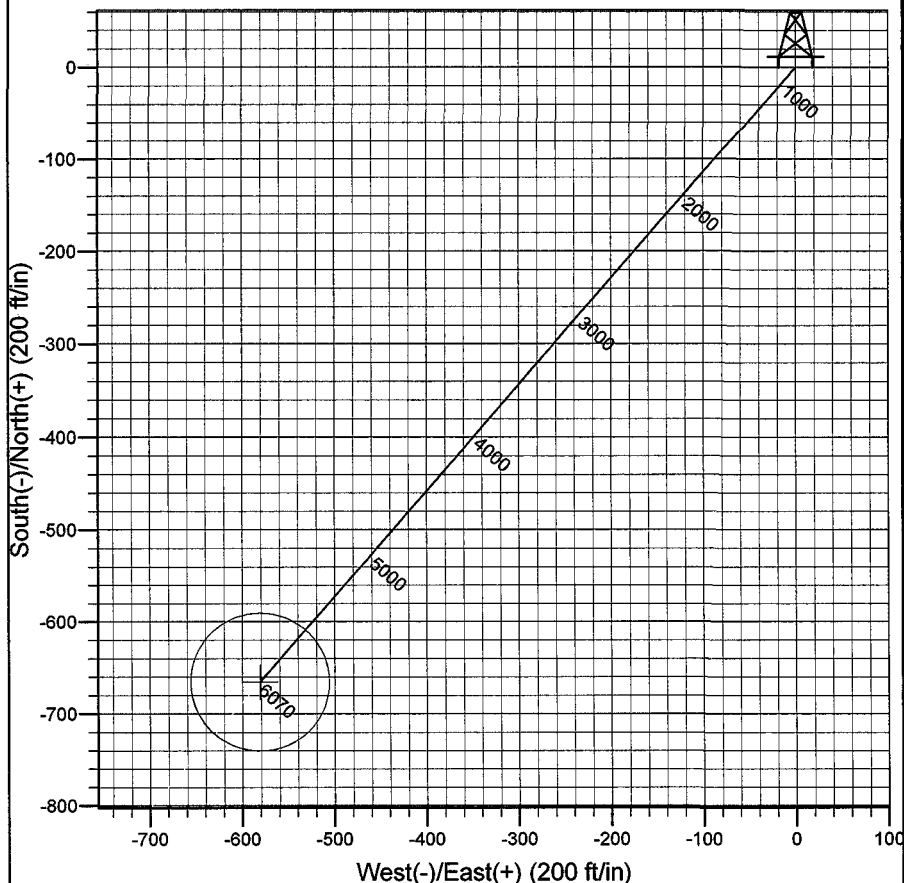
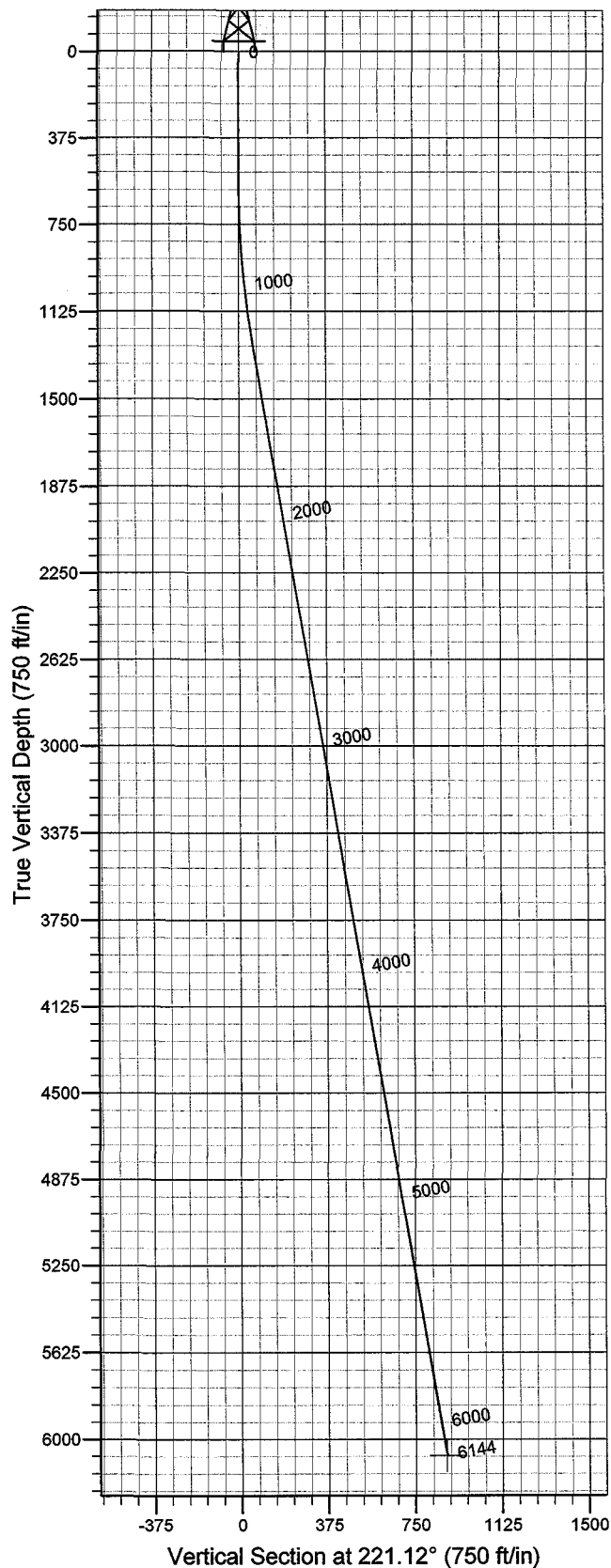


Azimuths to True North
Magnetic North: 11.71°

Magnetic Field
Strength: 52627.0snT
Dip Angle: 65.89°
Date: 2008-02-25
Model: IGRF2005-10

WELL DETAILS: Beluga Unit S-8-9-17

GL 5306' & RKB 12' @ 5318.00ft (NDSI 2) 5306.00
+N/-S +E/-W Northing Easting Latitude Longitude
0.00 0.00 7188001.32 2053731.32 40° 2' 36.670 N 110° 1' 24.980 W



Plan: Plan #1 (Beluga Unit S-8-9-17/OH)

Created By: Julie Cruse Date: 2008-02-25

PROJECT DETAILS: Duchesne County, UT NAD83 UTC

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone
Location:
System Datum: Mean Sea Level
Local North: True North

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
3	1249.84	9.75	221.12	1246.71	-41.54	-36.27	1.50	221.12	55.14	
4	6143.78	9.75	221.12	6070.00	-665.74	-581.17	0.00	0.00	883.73	BU S-8-9-17 PBHL

Newfield Exploration Co.

Duchesne County, UT NAD83 UTC

Beluga Unit

Beluga Unit S-8-9-17

OH

Plan: Plan #1

Standard Planning Report

25 February, 2008

Scientific Drilling

Planning Report

Database: EDM 2003.16 Single User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Beluga Unit
Well: Beluga Unit S-8-9-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Beluga Unit S-8-9-17
TVD Reference: GL 5306' & RKB 12' @ 5318.00ft (NDSI 2)
MD Reference: GL 5306' & RKB 12' @ 5318.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature

Project	Duchesne County, UT NAD83 UTC		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	Beluga Unit,		
Site Position:		Northing:	7,186,685.53 ft
From:	Lat/Long	Easting:	2,052,488.32 ft
Position Uncertainty:	0.00 ft	Slot Radius:	in
		Latitude:	40° 2' 23.870 N
		Longitude:	110° 1' 41.240 W
		Grid Convergence:	0.94 °

Well	Beluga Unit S-8-9-17, 1935' FSL 725' FEL Sec 8 R9S R17E		
Well Position	+N/-S	0.00 ft	Northing: 7,188,001.32 ft
	+E/-W	0.00 ft	Easting: 2,053,731.32 ft
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft
		Latitude:	40° 2' 36.670 N
		Longitude:	110° 1' 24.980 W
		Ground Level:	5,306.00 ft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2005-10	2008-02-25	11.71
			Dip Angle (°)
			65.89
			Field Strength (nT)
			52,627

Design	Plan #1		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth: 0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(ft)	(ft)	(ft)
	0.00	0.00	0.00
			Direction (°)
			221.12

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,249.84	9.75	221.12	1,246.71	-41.54	-36.27	1.50	1.50	0.00	221.12	
6,143.78	9.75	221.12	6,070.00	-665.74	-581.17	0.00	0.00	0.00	0.00	BU S-8-9-17 PBHL

Scientific Drilling

Planning Report

Database: EDM 2003.16 Single User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Beluga Unit
Well: Beluga Unit S-8-9-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Beluga Unit S-8-9-17
TVD Reference: GL 5306' & RKB 12' @ 5318.00ft (NDSI 2)
MD Reference: GL 5306' & RKB 12' @ 5318.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	1.50	221.12	699.99	-0.99	-0.86	1.31	1.50	1.50	0.00
800.00	3.00	221.12	799.91	-3.94	-3.44	5.23	1.50	1.50	0.00
900.00	4.50	221.12	899.69	-8.87	-7.74	11.77	1.50	1.50	0.00
1,000.00	6.00	221.12	999.27	-15.76	-13.76	20.92	1.50	1.50	0.00
1,100.00	7.50	221.12	1,098.57	-24.62	-21.49	32.68	1.50	1.50	0.00
1,200.00	9.00	221.12	1,197.54	-35.43	-30.93	47.03	1.50	1.50	0.00
1,249.84	9.75	221.12	1,246.71	-41.54	-36.27	55.14	1.50	1.50	0.00
1,300.00	9.75	221.12	1,296.15	-47.94	-41.85	63.64	0.00	0.00	0.00
1,400.00	9.75	221.12	1,394.70	-60.69	-52.98	80.57	0.00	0.00	0.00
1,500.00	9.75	221.12	1,493.26	-73.45	-64.12	97.50	0.00	0.00	0.00
1,600.00	9.75	221.12	1,591.81	-86.20	-75.25	114.43	0.00	0.00	0.00
1,700.00	9.75	221.12	1,690.37	-98.96	-86.39	131.36	0.00	0.00	0.00
1,800.00	9.75	221.12	1,788.93	-111.71	-97.52	148.29	0.00	0.00	0.00
1,900.00	9.75	221.12	1,887.48	-124.47	-108.66	165.22	0.00	0.00	0.00
2,000.00	9.75	221.12	1,986.04	-137.22	-119.79	182.15	0.00	0.00	0.00
2,100.00	9.75	221.12	2,084.60	-149.98	-130.93	199.08	0.00	0.00	0.00
2,200.00	9.75	221.12	2,183.15	-162.73	-142.06	216.01	0.00	0.00	0.00
2,300.00	9.75	221.12	2,281.71	-175.49	-153.19	232.95	0.00	0.00	0.00
2,400.00	9.75	221.12	2,380.27	-188.24	-164.33	249.88	0.00	0.00	0.00
2,500.00	9.75	221.12	2,478.82	-200.99	-175.46	266.81	0.00	0.00	0.00
2,600.00	9.75	221.12	2,577.38	-213.75	-186.60	283.74	0.00	0.00	0.00
2,700.00	9.75	221.12	2,675.93	-226.50	-197.73	300.67	0.00	0.00	0.00
2,800.00	9.75	221.12	2,774.49	-239.26	-208.87	317.60	0.00	0.00	0.00
2,900.00	9.75	221.12	2,873.05	-252.01	-220.00	334.53	0.00	0.00	0.00
3,000.00	9.75	221.12	2,971.60	-264.77	-231.13	351.46	0.00	0.00	0.00
3,100.00	9.75	221.12	3,070.16	-277.52	-242.27	368.39	0.00	0.00	0.00
3,200.00	9.75	221.12	3,168.72	-290.28	-253.40	385.32	0.00	0.00	0.00
3,300.00	9.75	221.12	3,267.27	-303.03	-264.54	402.25	0.00	0.00	0.00
3,400.00	9.75	221.12	3,365.83	-315.79	-275.67	419.18	0.00	0.00	0.00
3,500.00	9.75	221.12	3,464.38	-328.54	-286.81	436.12	0.00	0.00	0.00
3,600.00	9.75	221.12	3,562.94	-341.30	-297.94	453.05	0.00	0.00	0.00
3,700.00	9.75	221.12	3,661.50	-354.05	-309.07	469.98	0.00	0.00	0.00
3,800.00	9.75	221.12	3,760.05	-366.80	-320.21	486.91	0.00	0.00	0.00
3,900.00	9.75	221.12	3,858.61	-379.56	-331.34	503.84	0.00	0.00	0.00
4,000.00	9.75	221.12	3,957.17	-392.31	-342.48	520.77	0.00	0.00	0.00
4,100.00	9.75	221.12	4,055.72	-405.07	-353.61	537.70	0.00	0.00	0.00
4,200.00	9.75	221.12	4,154.28	-417.82	-364.75	554.63	0.00	0.00	0.00
4,300.00	9.75	221.12	4,252.84	-430.58	-375.88	571.56	0.00	0.00	0.00
4,400.00	9.75	221.12	4,351.39	-443.33	-387.02	588.49	0.00	0.00	0.00
4,500.00	9.75	221.12	4,449.95	-456.09	-398.15	605.42	0.00	0.00	0.00
4,600.00	9.75	221.12	4,548.50	-468.84	-409.28	622.35	0.00	0.00	0.00
4,700.00	9.75	221.12	4,647.06	-481.60	-420.42	639.29	0.00	0.00	0.00
4,800.00	9.75	221.12	4,745.62	-494.35	-431.55	656.22	0.00	0.00	0.00
4,900.00	9.75	221.12	4,844.17	-507.10	-442.69	673.15	0.00	0.00	0.00
5,000.00	9.75	221.12	4,942.73	-519.86	-453.82	690.08	0.00	0.00	0.00
5,100.00	9.75	221.12	5,041.29	-532.61	-464.96	707.01	0.00	0.00	0.00
5,200.00	9.75	221.12	5,139.84	-545.37	-476.09	723.94	0.00	0.00	0.00

Scientific Drilling

Planning Report

Database: EDM 2003.16 Single User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Beluga Unit
Well: Beluga Unit S-8-9-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Beluga Unit S-8-9-17
TVD Reference: GL 5306' & RKB 12' @ 5318.00ft (NDSI 2)
MD Reference: GL 5306' & RKB 12' @ 5318.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.00	9.75	221.12	5,238.40	-558.12	-487.22	740.87	0.00	0.00	0.00
5,400.00	9.75	221.12	5,336.95	-570.88	-498.36	757.80	0.00	0.00	0.00
5,500.00	9.75	221.12	5,435.51	-583.63	-509.49	774.73	0.00	0.00	0.00
5,600.00	9.75	221.12	5,534.07	-596.39	-520.63	791.66	0.00	0.00	0.00
5,700.00	9.75	221.12	5,632.62	-609.14	-531.76	808.59	0.00	0.00	0.00
5,800.00	9.75	221.12	5,731.18	-621.90	-542.90	825.52	0.00	0.00	0.00
5,900.00	9.75	221.12	5,829.74	-634.65	-554.03	842.46	0.00	0.00	0.00
6,000.00	9.75	221.12	5,928.29	-647.40	-565.17	859.39	0.00	0.00	0.00
6,100.00	9.75	221.12	6,026.85	-660.16	-576.30	876.32	0.00	0.00	0.00
6,143.78	9.75	221.12	6,070.00	-665.74	-581.17	883.73	0.00	0.00	0.00

Targets

Target Name

- hit/miss target
 - Shape

Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
0.00	0.00	6,070.00	-665.74	-581.17	7,187,326.07	2,053,161.21	40° 2' 30.090 N	110° 1' 32.453 W

BU S-8-9-17 PBHL
 - plan hits target center
 - Circle (radius 75.00)

NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

BELUGA UNIT S-8-9-17 (Proposed Well)

BELUGA UNIT 43-8-9-17 (Existing Well)

Pad Location: NESE Section 8, T9S, R17E, S.L.B.&M.

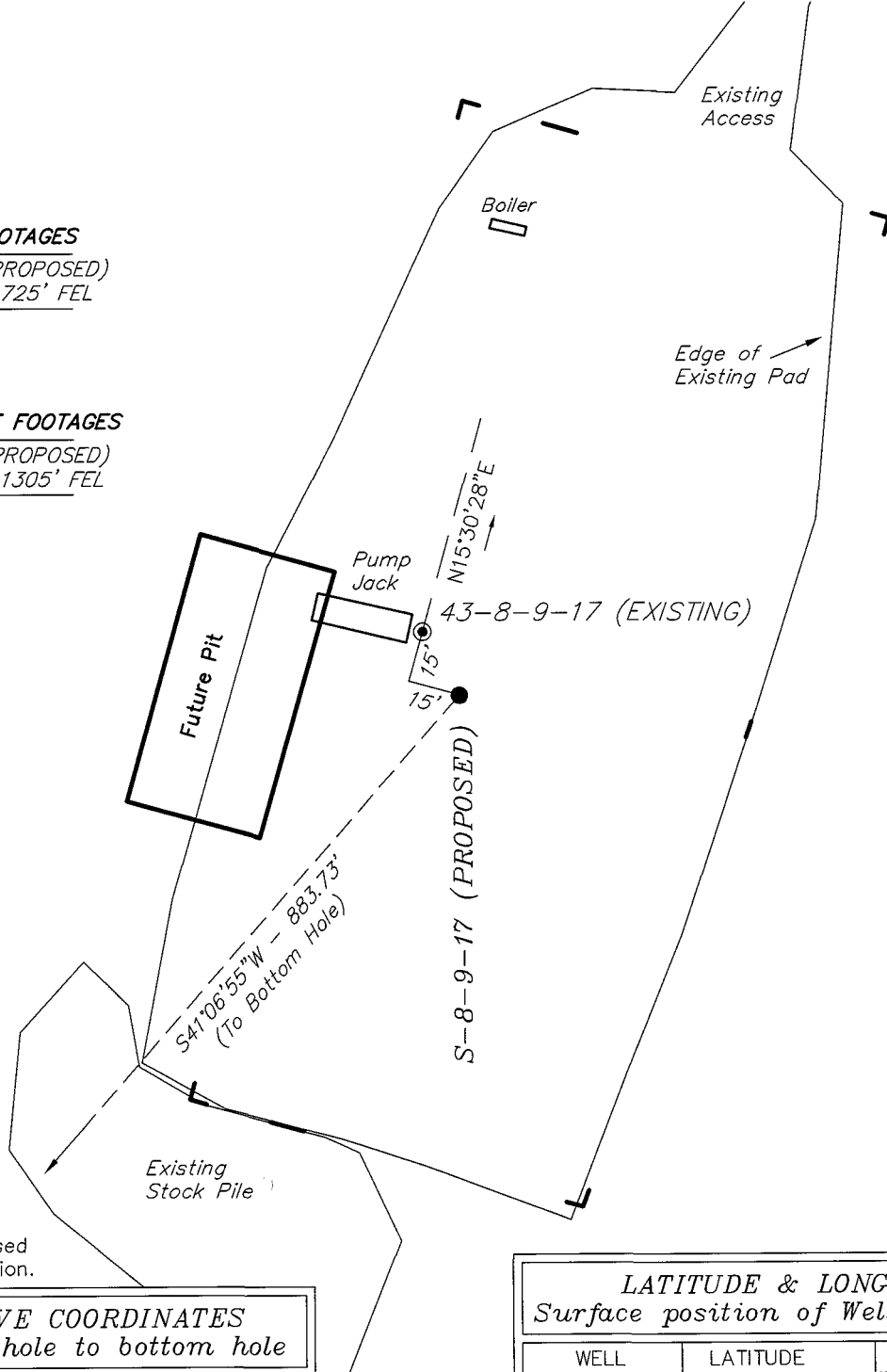


TOP HOLE FOOTAGES

S-8-9-17 (PROPOSED)
1935' FSL & 725' FEL

BOTTOM HOLE FOOTAGES

S-8-9-17 (PROPOSED)
1270' FSL & 1305' FEL



Note:

Bearings are based
on GLO Information.

RELATIVE COORDINATES From top hole to bottom hole

WELL	NORTH	EAST
S-8-9-17	-666'	-581'

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
S-8-9-17	40° 02' 36.67"	110° 01' 24.98"
43-8-9-17	40° 02' 36.86"	110° 01' 25.12"

SURVEYED BY: T.H. DATE SURVEYED: 11-28-07
DRAWN BY: F.T.M. DATE DRAWN: 12-10-07
SCALE: 1" = 50' REVISED: F.T.M. 02-15-08

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

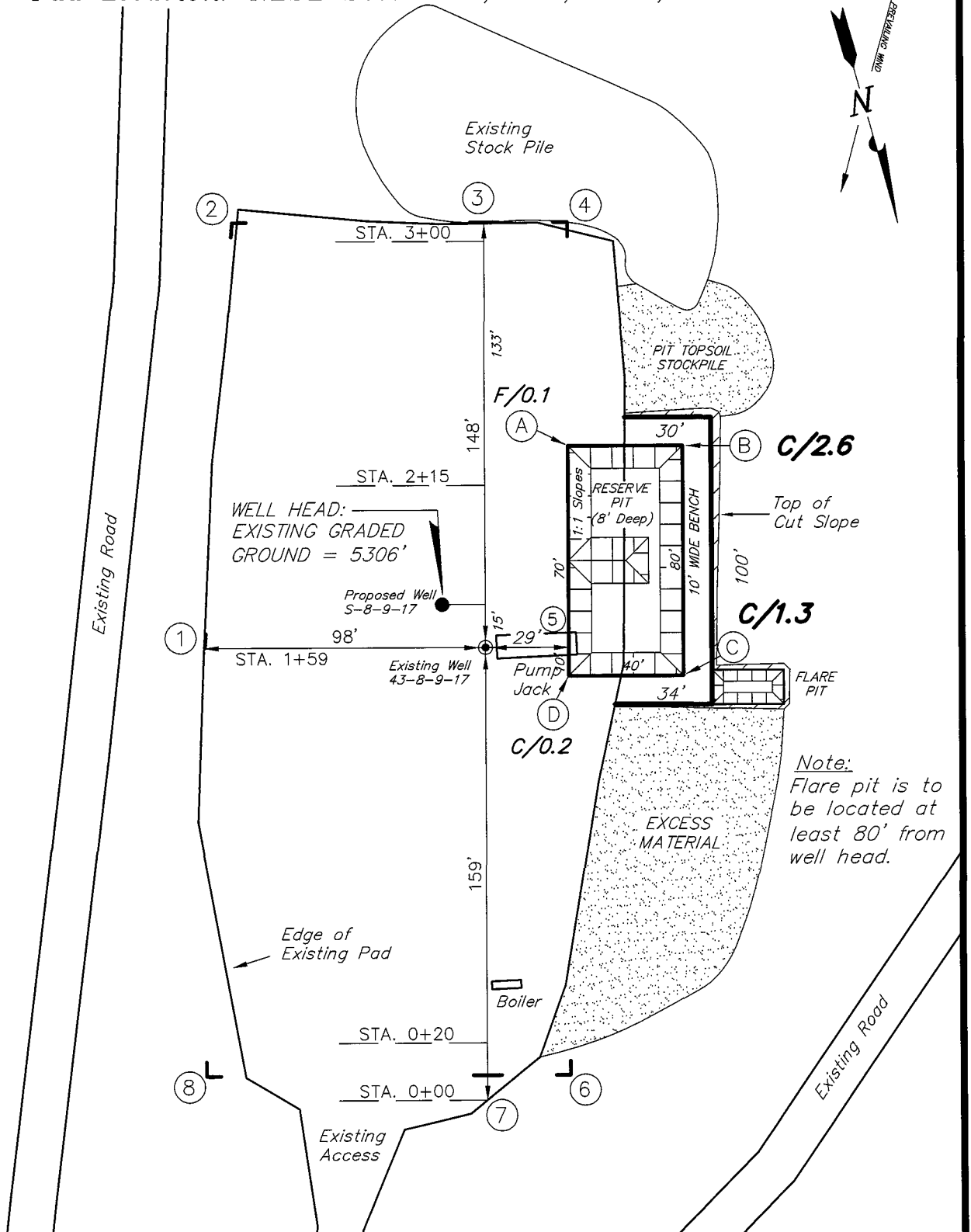
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

BELUGA UNIT S-8-9-17 (Proposed Well)

BELUGA UNIT 43-8-9-17 (Existing Well)

Pad Location: NESE Section 8, T9S, R17E, S.L.B.&M.



SURVEYED BY: T.H.	DATE SURVEYED: 11-28-07
DRAWN BY: F.T.M.	DATE DRAWN: 12-10-07
SCALE: 1" = 50'	REVISED:

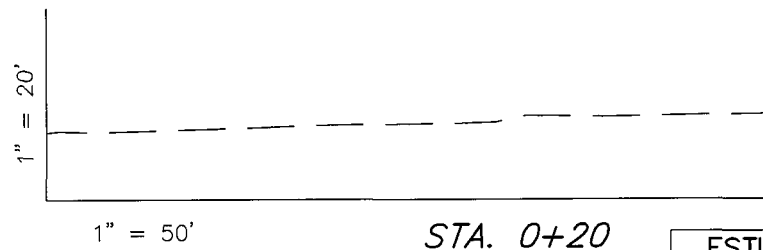
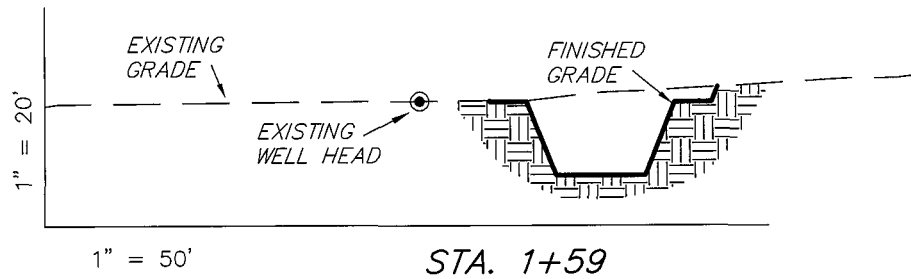
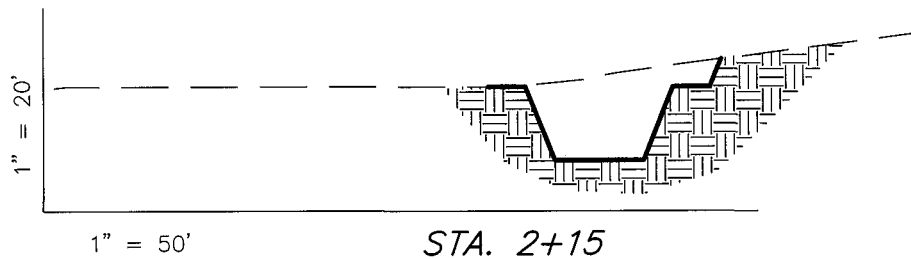
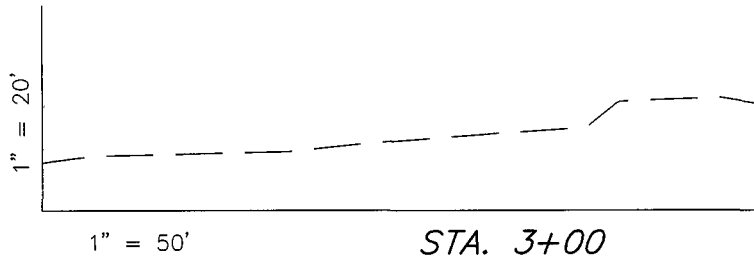
Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

BELUGA UNIT S-8-9-17 (Proposed Well)

BELUGA UNIT 43-8-9-17 (Existing Well)



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	260	0	Topsoil is not included in Pad Cut	260
PIT	640	0		640
TOTALS	900	0	130	900

SURVEYED BY: T.H.	DATE SURVEYED: 11-28-07
DRAWN BY: F.T.M.	DATE DRAWN: 12-10-07
SCALE: 1" = 50'	REVISED:

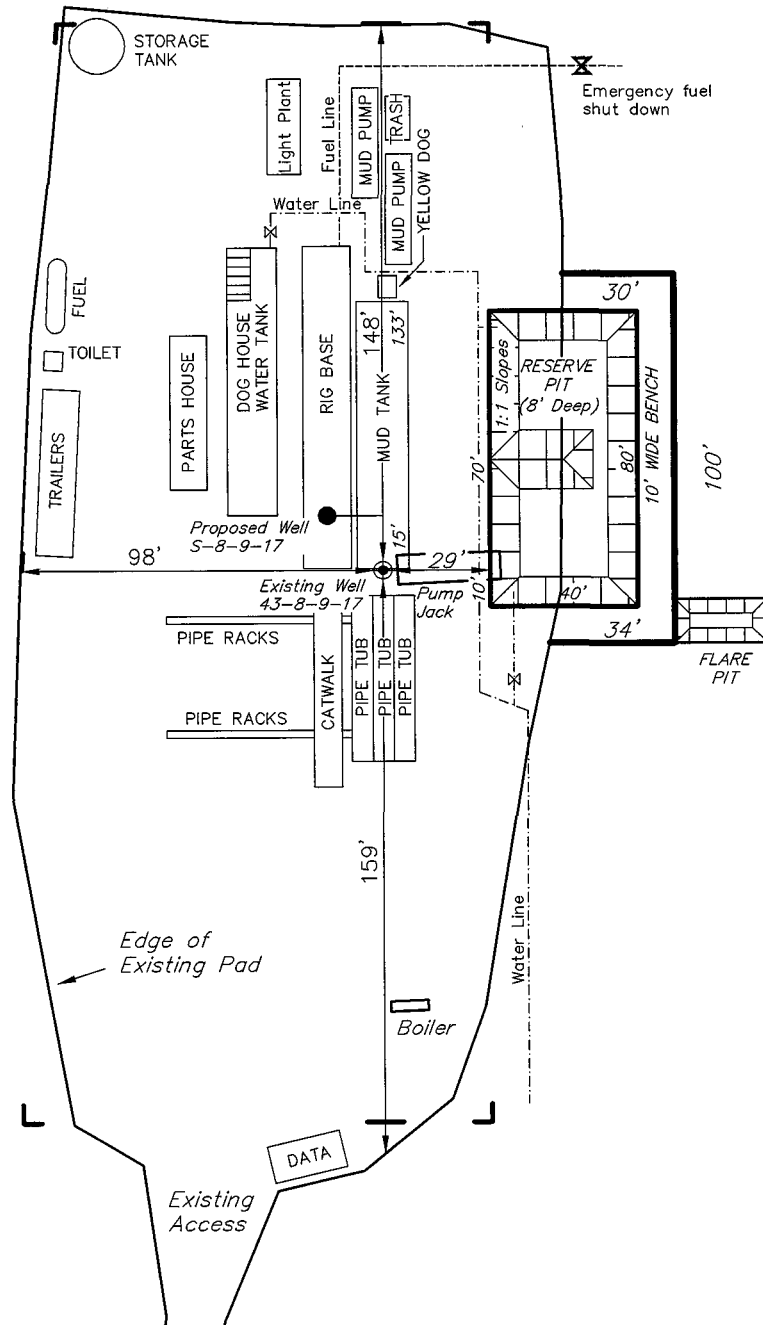
Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

BELUGA UNIT S-8-9-17 (Proposed Well)

BELUGA UNIT 43-8-9-17 (Existing Well)



SURVEYED BY: T.H.	DATE SURVEYED: 11-28-07
DRAWN BY: F.T.M.	DATE DRAWN: 12-10-07
SCALE: 1" = 50'	REVISED:

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

Newfield Production Company

Proposed Site Facility Diagram

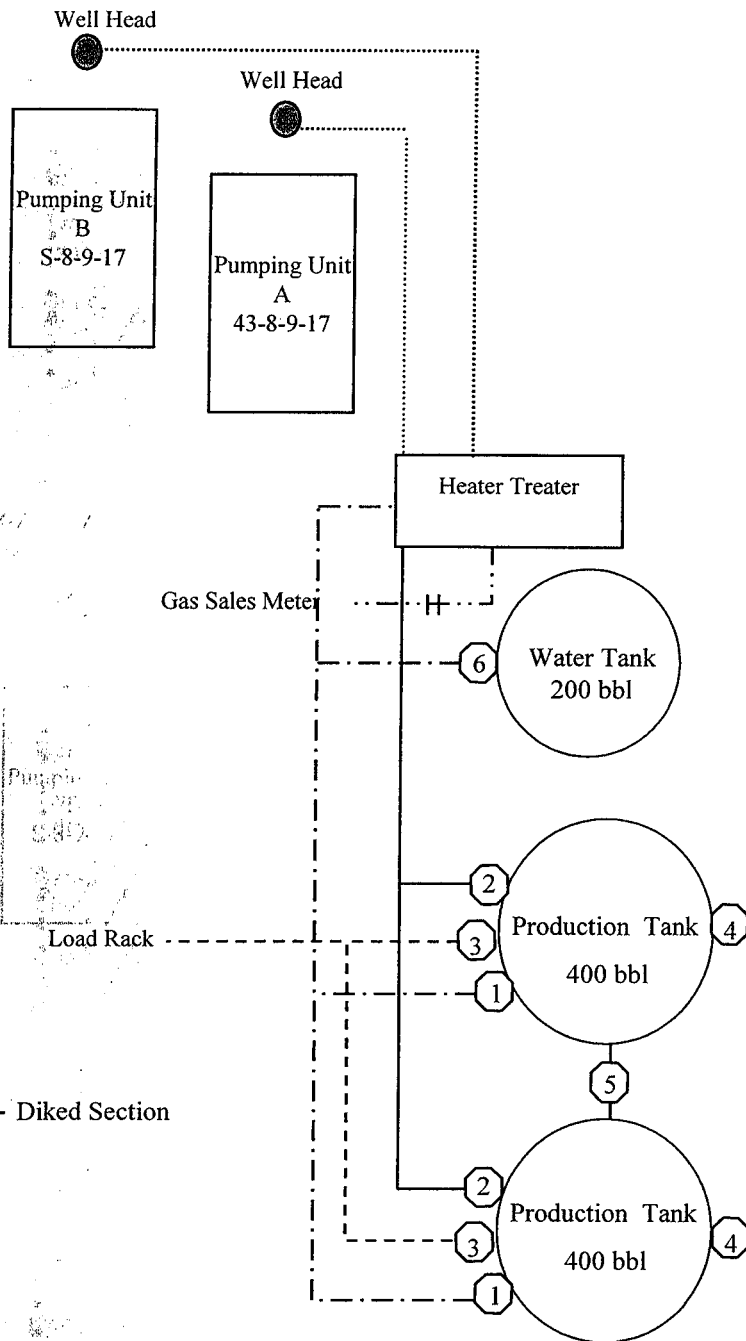
Beluga Federal S-8-9-17

From the 43-8-9-17 Location

NE/SE Sec. 8 T9S, R17E

Duchesne County, Utah

UTU-74398



Site Security Plan is held at the Pleasant Valley Office, Duchesne County, Utah

Production Phase:

- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5, and 6 sealed open

Sales Phase:

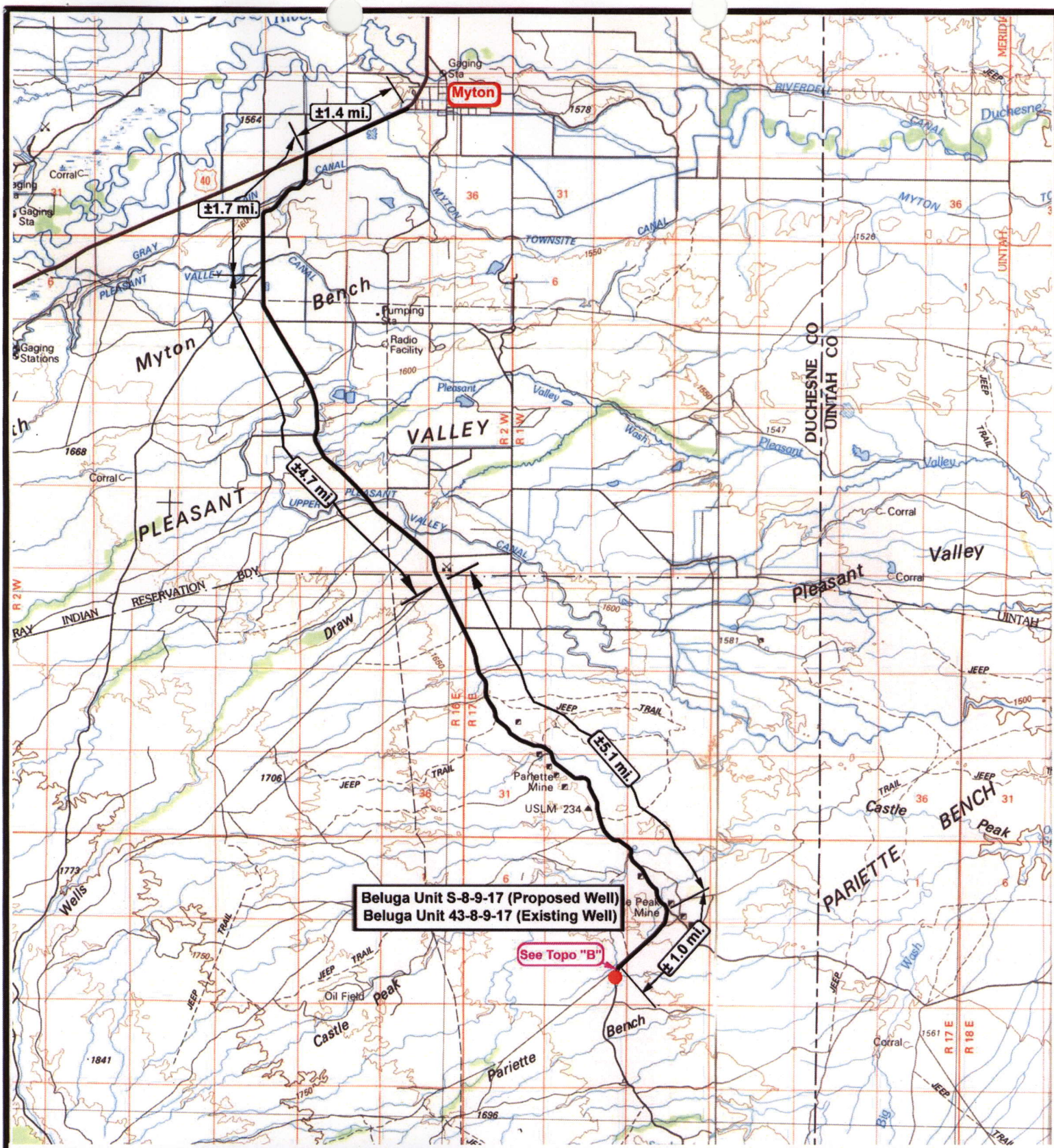
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

Draining Phase:

- 1) Valves 1 and 6 open

Legend

Emulsion Line
Load Rack	-----
Water Line	- - - - -
Gas Sales
Oil Line	_____



NEWFIELD
Exploration Company

Beluga Unit S-8-9-17 (Proposed Well)
Beluga Unit 43-8-9-17 (Existing Well)
Pad Location: NESE SEC. 8, T9S, R17E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

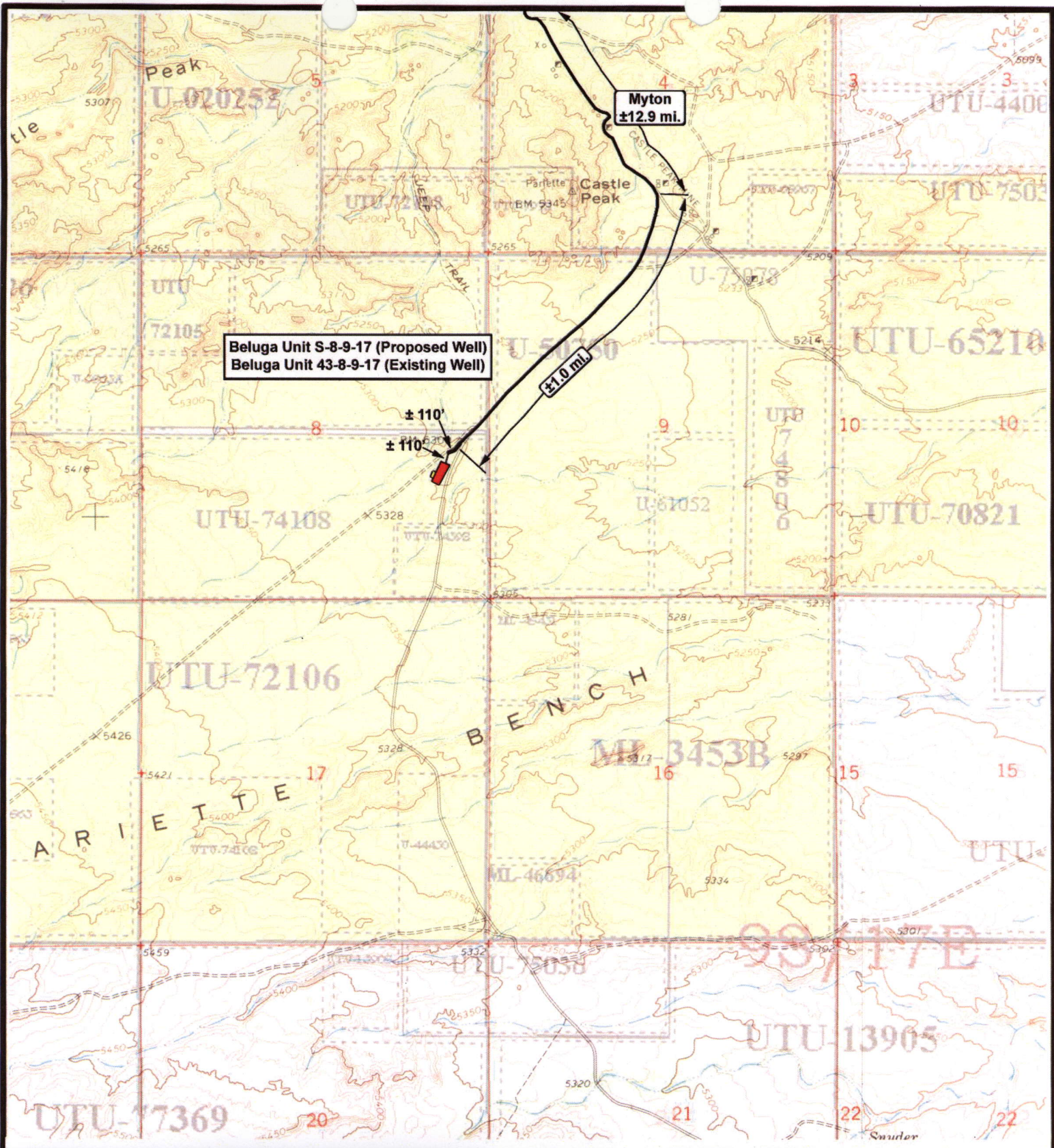
SCALE: 1:100,000
DRAWN BY: nc
DATE: 12-11-2007


Legend

Existing Road
 Proposed Access

TOPOGRAPHIC MAP

"A"





NEWFIELD
Exploration Company

Beluga Unit S-8-9-17 (Proposed Well)
Beluga Unit 43-8-9-17 (Existing Well)
 Pad Location: NESE SEC. 8, T9S, R17E, S.L.B.&M.






Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

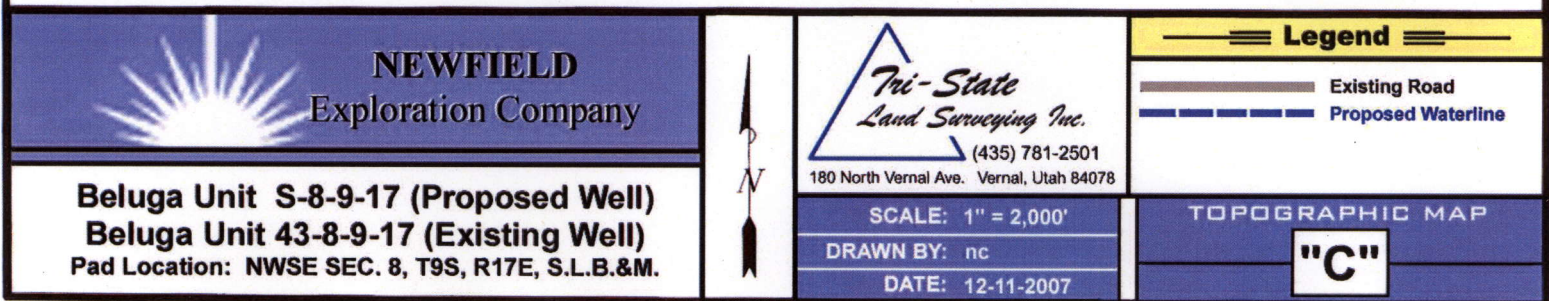
SCALE: 1" = 2,000'
 DRAWN BY: nc
 DATE: 12-11-2007

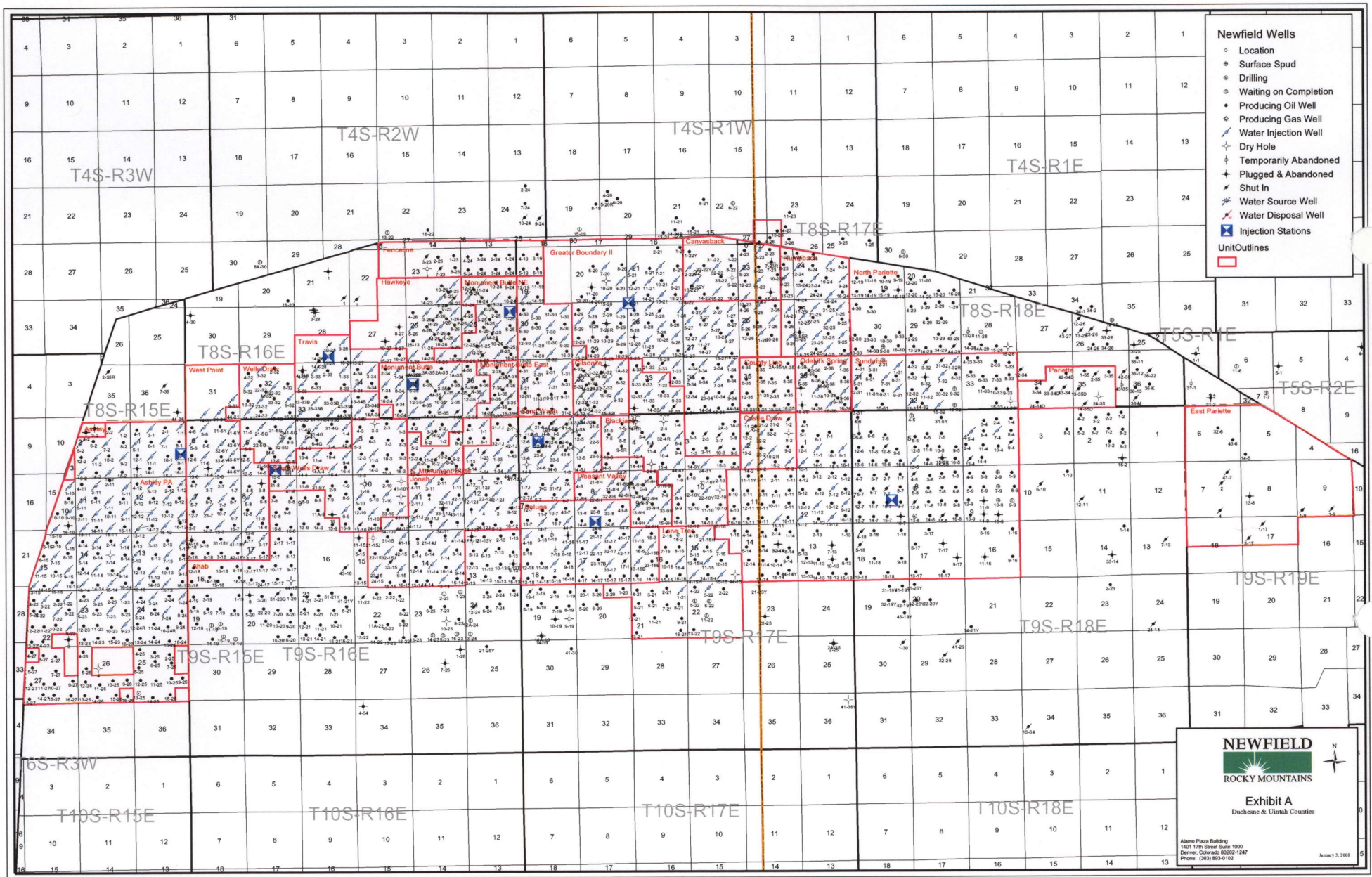
Legend

 Existing Road

TOPOGRAPHIC MAP

"B"





2-M SYSTEM

Blowout Prevention Equipment Systems

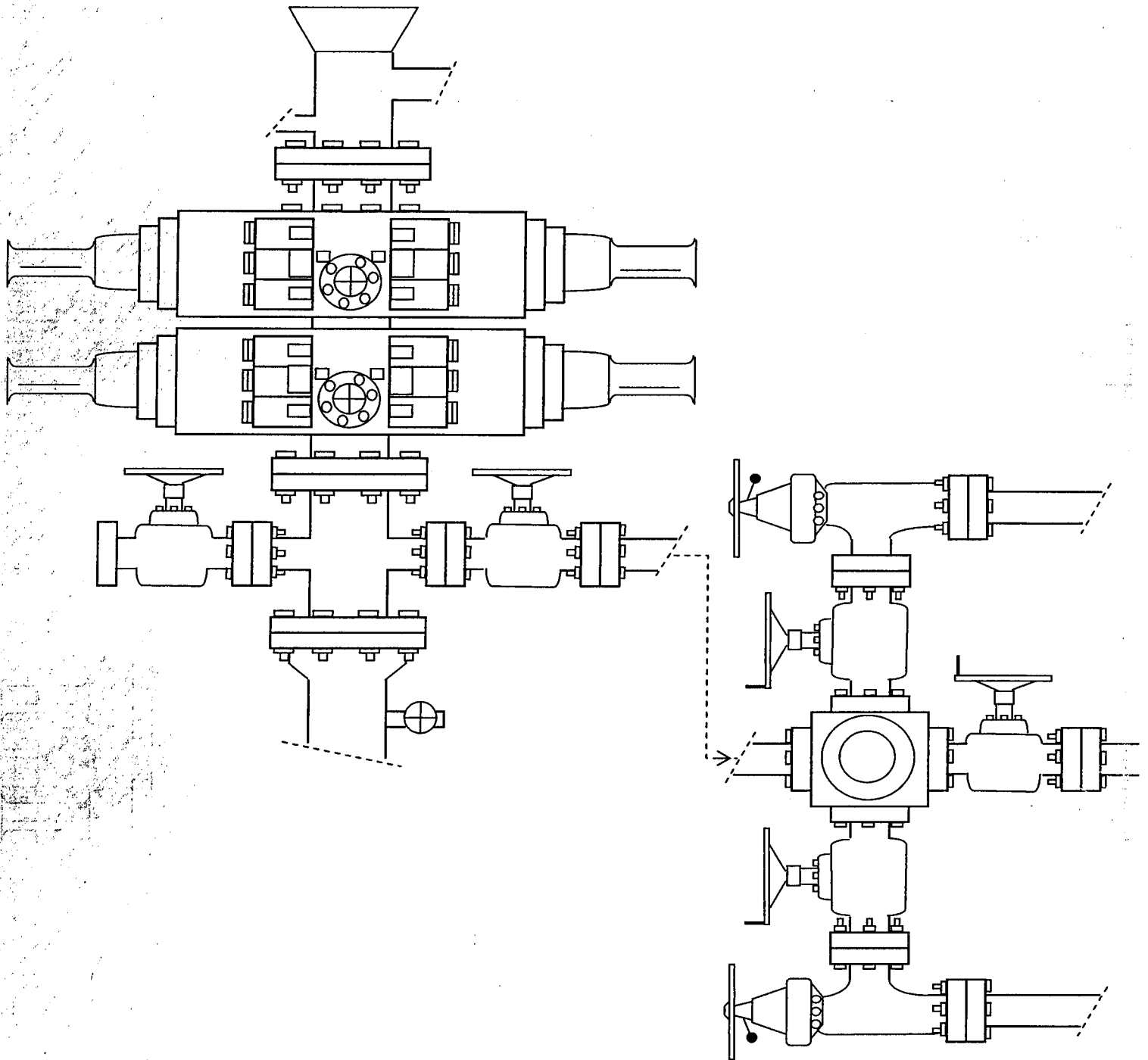


EXHIBIT C

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/14/2008

API NO. ASSIGNED: 43-013-33930

WELL NAME: BELUGA FED S-8-9-17

OPERATOR: NEWFIELD PRODUCTION (N2695)

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

PROPOSED LOCATION:

NESE 08 090S 170E

SURFACE: 1935 FSL 0725 FEL

BOTTOM: 1270 FSL 1305 FEL

COUNTY: DUCHESNE

LATITUDE: 40.04353 LONGITUDE: -110.0229

UTM SURF EASTINGS: 583359 NORTHINGS: 4432836

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-74398

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

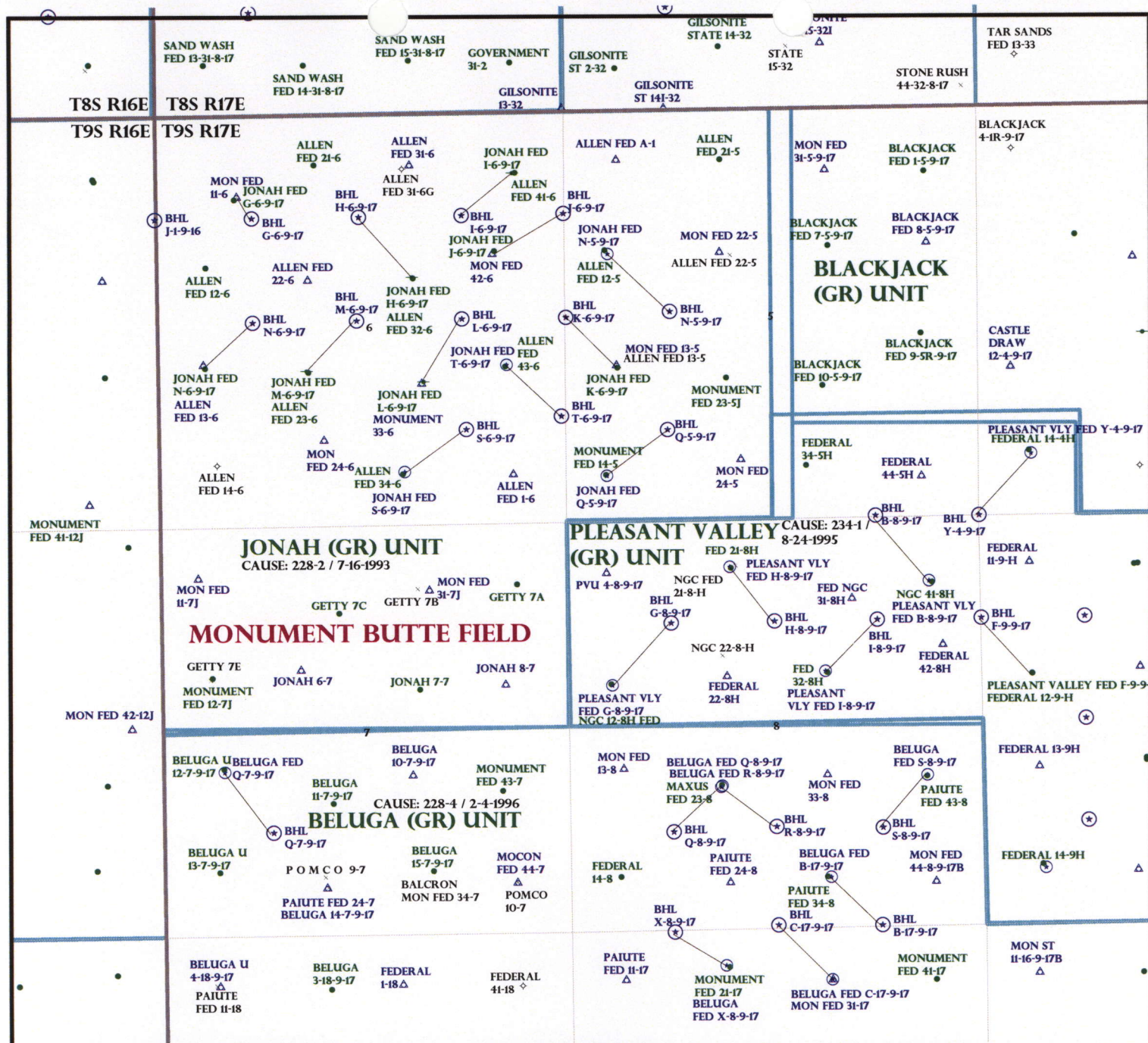
LOCATION AND SITING:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. WYB0000493)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 43-10136)
☒ RDCC Review (Y/N)
(Date: _____)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

 R649-2-3.
Unit: BELUGA (GRRV)
 R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
 R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 228-4
Eff Date: 2-14-1996
Siting: Does not Suspend General Siting
☒ R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: _____



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 8 T.9S R.17E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 228-4 / 2-4-1996



PREPARED BY: DIANA MASON
DATE: 18-MARCH-2008



March 12, 2008

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
PO Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
Beluga Federal S-8-9-17
Beluga Unit
UTU-75023X
Surface Hole: T9S R17E, Section 8: NESE
1935' FSL 725' FEL
Bottom Hole: T9S R17E, Section 8
1270' FSL 1305' FEL
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated March 7, 2008, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and bottom hole location of this well are both within the boundaries of the Jonah Federal Unit UTU-75023X. Newfield certifies that it is the Jonah Unit Operator and all lands within 460 feet of the entire directional well bore are within the Jonah Unit.

NPC is permitting this well as a directional well in order to minimize surface disturbance. By directionally drilling from the referenced surface location, NPC will be able to utilize the existing roads and pipelines in this area.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at reveland@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland
Land Associate

RECEIVED

MAR 17 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

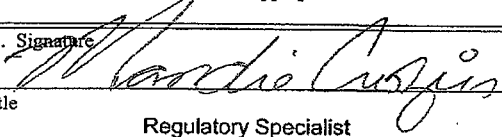
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER			5. Lease Serial No. UTU-74398
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone			6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company			7. If Unit or CA Agreement, Name and No. Beluga Unit
3a. Address Route #3 Box 3630, Myton UT 84052		3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Beluga Federal S-8-9-17
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/SE 1935' FSL 725' FEL At proposed prod. zone 1270' FSL 1305' FEL			9. API Well No.
14. Distance in miles and direction from nearest town or post office* Approximatley 14.0 miles southeast of Myton, Utah			10. Field and Pool, or Exploratory Monument Butte
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 50' f/ise, 1305' f/unit		16. No. of Acres in lease 40.00	11. Sec., T., R., M., or Blk. and Survey or Area Sec. 8, T9S R17E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1303'		17. Spacing Unit dedicated to this well 20 Acres	12. County or Parish Duchesne
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5306' GL		19. Proposed Depth 6070'	13. State UT
22. Approximate date work will start* 2 nd Quarter 2008		20. BLM/BIA Bond No. on file WYB000493	
23. Estimated duration Approximately seven (7) days from opud to rig release.			

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 3/7/08
Title Regulatory Specialist		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

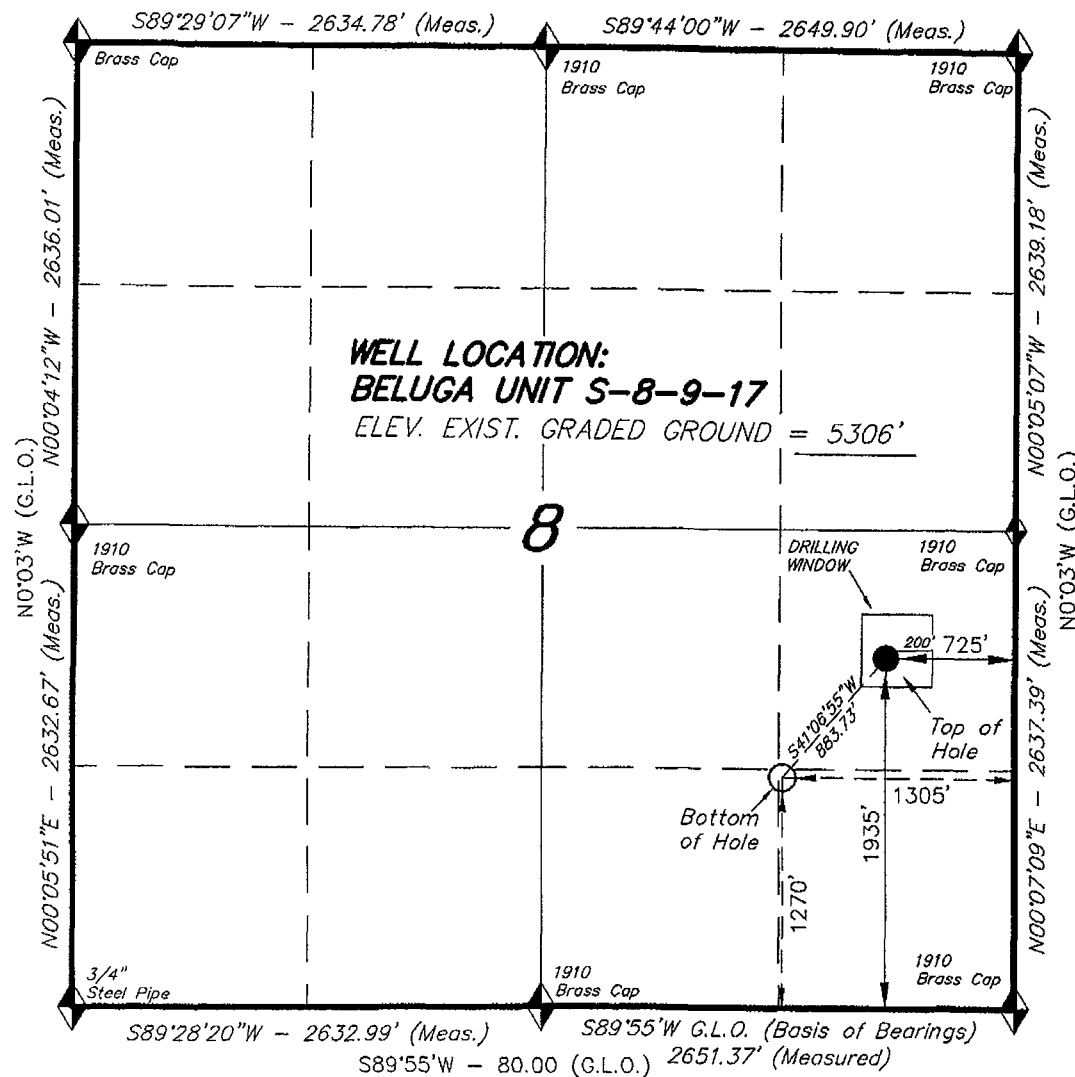
RECEIVED

MAR 17 2008

DIV. OF OIL, GAS & MINING

T9S, R17E, S.L.B.&M.

S89°56'W - 80.04 (G.L.O.)



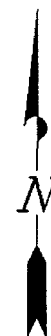
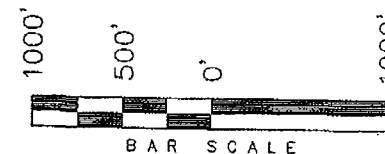
◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

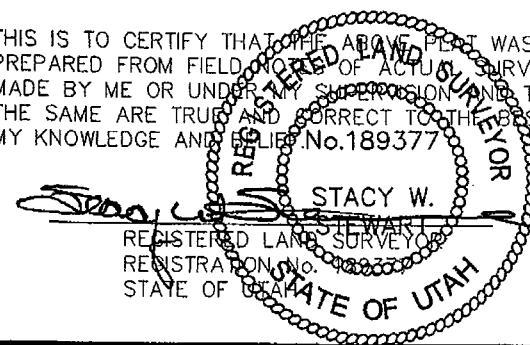
BELUGA UNIT S-8-9-17
(Surface Location) NAD 83
LATITUDE = 40° 02' 36.67"
LONGITUDE = 110° 01' 24.98"

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, BELUGA UNIT S-8-9-17,
LOCATED AS SHOWN IN THE NE 1/4 SE
1/4 OF SECTION 8, T9S, R17E, S.L.B.&M.
DUCESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 11-28-07	SURVEYED BY: T.H.
DATE DRAWN: 12-10-07	DRAWN BY: F.T.M.
REVISED: 02-15-08 F.T.M.	SCALE: 1" = 1000'

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

March 24, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2008 Plan of Development Beluga Unit,
Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the Beluga Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-33930	Beluga Fed S-8-9-17 Sec 8 T09S R17E 1935 FSL 0725 FEL BHL Sec 8 T09S R17E 1270 FSL 1305 FEL	
43-013-33929	Beluga Fed R-8-9-17 Sec 8 T09S R17E 1838 FSL 1932 FWL BHL Sec 8 T09S R17E 1300 FSL 2620 FWL	
43-013-33928	Beluga Fed Q-8-9-17 Sec 8 T09S R17E 1820 FSL 1921 FWL BHL Sec 8 T09S R17E 1250 FSL 1305 FWL	

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File - Beluga Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:3-24-08



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

March 24, 2008

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Beluga Federal S-8-9-17 Well, Surface Location 1935' FSL, 725' FEL, NE SE, Sec. 8,
T. 9 South, R. 17 East, Bottom Location 1270' FSL, 1305' FEL, SE SE, Sec. 8,
T. 9 South, R. 17 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33930.

Sincerely,


for Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal Office

Operator: Newfield Production Company
Well Name & Number Beluga Federal S-8-9-17
API Number: 43-013-33930
Lease: UTU-74398

Surface Location: NE SE Sec. 8 T. 9 South R. 17 East
Bottom Location: SE SE Sec. 8 T. 9 South R. 17 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

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MAR 14 2008

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

BLM

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-74398
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Beluga Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Beluga Federal S-8-9-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33730
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/SE 1935' FSL 725' FEL At proposed prod. zone 1270' FSL 1305' FEL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximately 14.0 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 8, T9S R17E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 50' f/lse, 1305' f/unit	16. No. of Acres in lease 40.00	17. Spacing Unit dedicated to this well 20 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1303'	19. Proposed Depth 6070'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5306' GL	22. Approximate date work will start* 2 nd Quarter 2008	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 3/7/08
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) Terry Kawaka	Date 8-5-2008
Title Assistant Field Manager Lands & Mineral Resources		
Office VERNAL FIELD OFFICE		

Application approval does not warrant by the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

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AUG 21 2008

DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

08PPC319A

105 01/08/08



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Beluga Federal S-8-9-17
API No: 43-013-33930

Location: NESE, Sec. 8, T9S, R17E
Lease No: UTU-74398
Agreement: Beluga Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	(435) 828-4029
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

SITE SPECIFIC CONDITIONS OF APPROVAL

STIPULATIONS:

- None

Lease Notices from RMP:

- The lessee/operator is given notice the area has been identified as containing Golden eagle habitat. Modifications may be required in the Surface Use Plan to protect the Golden eagle and/or its habitat from surface disturbance activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- The lessee/operator is given notice the area has been identified as containing Ferruginous hawk habitat. Modifications may be required in the Surface Use Plan to protect the Ferruginous hawk and/or its habitat from surface disturbance activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

Comments:

- GIS data shows the project area is within Mountain plover nesting habitat. Because the proposed location is going to be directional drilled from an existing location and no new disturbance will be required Mountain plover timing restrictions were not applied.
- During the onsite it was evident that scattered complexes of White-tailed prairie dog colonies (Burrowing owl nesting habitat) were in the area. Because the proposed location is going to be directional drilled from an existing location and minimal disturbance is taking place Burrowing owl timing restrictions were not applied.

Follow-up Actions and/or Recommendations:

Please be aware that this Special Status Species wildlife clearance is effective for 1 year from the date of the onsite date. Any proposals submitted after the date of this report (onsite) should require additional surveys and clearances.

CONDITIONS OF APPROVAL:

- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.

- All pipelines (surface and buried) will be laid within one 50' wide construction ROW, on one side of the road, and will reduce down to a 30' wide permanent ROW on lease.
- A temporary road ROW will not be granted. The road ROW will be 30 foot for construction and will reduce to an 18 foot running surface.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed. All roads will have an 18', crowned (2 to 3% minimum), running surface. All roads will have drainage ditches along both sides of road.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- To insure impermeability, the reserve pit will be lined with a 16 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- Any hydrocarbons in the reserve pit will be removed **immediately** upon well completion; in accordance with 43 CFR 3162.7-1. Pits must be free of oil and other liquid and solid wastes prior to filling.
- Monument Butte SOP, Section 9.2 - Pit Fencing Minimum Standards - will be strictly adhered to. To include 9.2.2.3 - Corner posts will be cemented and/or braced in such a manner as to keep fence tight at all times.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.

Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim/Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original

contour to the extent possible; the resspreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

Interim Reclamation:

The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil resspread, and the area shall be **seeded using a rangeland drill**. Seeding depth as per AO, or seed distributor. If portions of the site are too steep (>40%), or rocky, that portion may be broadcast seeded. If broadcasting seed, the seed shall be walked into the soil with a dozer immediately after the seeding is completed, or covered by soil using a drag chain. Seeding shall occur in the fall (August 1st until snow or ground is frozen) with the following seed mix:

Seed mix:

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirreltail grass	<i>Elymus elymoides</i>	3.0	¼ - ½"
Siberian wheatgrass	<i>Agropyron fragile</i>	1.0	½"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	½"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	½"
Gardner's saltbush	<i>Atriplex gardneri</i>	0.50	½"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10	⅛ - ¼"

- All pounds are pure live seed.
All seed and mulch will be certified weed free.
Rates are set for drill seeding; double rate if broadcasting.
Reseeding may be required if initial seeding is not successful.

Final reclamation:

- Once the location is plugged and abandoned, the well location, access, and any disturbed areas shall be recontoured to natural topography, topsoil shall be resspread, and the entire location shall be seeded following guidelines in the seed mix bullet statement above. Final seed mix: same as interim.
- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil resspread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be resspread, and the entire location shall be seeded with a seed mix recommended by the

AO (see above). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.

- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- Production casing cement shall be brought up and into the surface.
- Covering air/gas drilling operations, requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E. 1. Drilling Operations, Special Drilling Operations, air/gas drilling.
- Logging: A Gamma Ray well Log shall be run from the well Total Depth to the surface. A copy of the Gamma Ray well Log shall be submitted to the BLM Vernal Field Office.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: BELUGA FED S-8-9-17

Api No: 43-013-33930 Lease Type: FEDERAL

Section 08 Township 09S Range 17E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 10/07/08

Time 2:00 PM

How DRY

Drilling will Commence: _____

Reported by ALVIN NIELSEN

Telephone # (435) 8238-7468

Date 10/07//08 Signed CHD

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

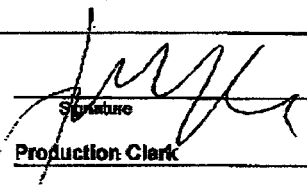
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
B	99999	12277	4301333712	PLEASANT VALLEY FEDERAL B-8-9-17	NENE	8	9S	17E	DUCHESNE	10/3/2008	10/27/08
WELL 1 COMMENTS: GRV BNL = NENE											
A	99999	17139	4304739078	FEDERAL 14-24-6-20	SESW	24	6S	20E	UINTAH	10/3/2008	10/27/08
WELL 2 COMMENTS: GRV											
B	99999	11880	4301333930	BELUGA FEDERAL S-8-9-17	NESE	8	9S	17E	DUCHESNE	10/7/2008	10/27/08
WELL 3 COMMENTS: GRV BNL = NESE											
WELL 5 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)
A - 1 new entity for new well (single well only)
B - 1 well to existing entity (group or unit well)
C - from one existing entity to another existing entity
D - well from one existing entity to a new entity
E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED
OCT 09 2008

DIV. OF OIL, GAS & MINING

Signature: 
Production Clerk: JENTRI PARK
Date: 10/09/08

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address

Route 3 Box 3630
Myton, UT 84052

3b. Phone

(include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1935 FSL 725 FEL

NESE Section 8 T9S R17E

FORM APPROVED

OMB No. 1004-0137

Expires: July 31, 2010

5. Lease Serial No.

USA UTU-74398

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

BELUGA UNIT

8. Well Name and No.

BELUGA S-8-9-17

9. API Well No.

4301333930

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 10/7/08 MIRU NDSI NS # 1. Spud well @ 2:00 PM. Drill 330' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 312 KB. On 10/9/08 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/sk yeild. Returned 1 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Ryan Crum

Signature

Title

Drilling Foreman

Date

10/12/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

OCT 16 2008

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 312

LAST CASING 8 5/8" SET # 312
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 330' LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
 WELL Beluga Fed. S-8-9-17
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI NS # 1

LOG OF CASING STRING:

TOTAL OF Casing STRING:									
PIECES	OD	ITEM - MAKE - DESCRIPTION		WT / FT	GRD	THREAD	CONDT	LENGTH	
		Shoe Joint 37.88'							
		WHI - 92 csg head				8rd	A	0.95	
7	8 5/8"	Maverick ST&C csg		24#	J-55	8rd	A	300.15	
		GUIDE shoe				8rd	A	0.9	
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING				302	
TOTAL LENGTH OF STRING		302	7	LESS CUT OFF PIECE				2	
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG				12	
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH				312	
TOTAL		300.15	7	} COMPARE					
TOTAL CSG. DEL. (W/O THRDS)		300.15	7						
TIMING		1ST STAGE							
BEGIN RUN CSG.		Spud	10/7/2008	2:00 PM	GOOD CIRC THRU JOB				YES
CSG. IN HOLE			10/7/2008	4:00 PM	Bbls CMT CIRC TO SURFACE				1
BEGIN CIRC			10/9/2008	8:35 AM	RECIPROCATED PIPE FOR				N/A
BEGIN PUMP CMT			10/9/2008	8:40 AM					
BEGIN DSPL. CMT			10/9/2008	9:00 AM	BUMPED PLUG TO				139 PSI
PLUG DOWN			10/9/2008	9:12 AM					
CEMENT USED		CEMENT COMPANY- B. J.							
STAGE	# SX	CEMENT TYPE & ADDITIVES							
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield							
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING						
Centralizers - Middle first, top second & third for 3									

COMPANY REPRESENTATIVE Ryan Crum DATE 10/12/2008

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1935 FSL 725 FEL
NESE Section 8 T9S R17E

5. Lease Serial No.

USA UTU-74398

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
BELUGA UNIT

8. Well Name and No.

BELUGA S-8-9-17

9. API Well No.

4301333930

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 10/20/08 MIRU NDSI Rig # 2. Set all equipment. & work on crown sheaves & Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. on 10/22/08 Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 282'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6,059'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 149 jt's of 5.5 J-55, 15.5# csgn. Set @ 6004.76' / KB. Cement with 350 sks cement mixed @ 11.0 ppg & 3.49 yld. Then 450 sks cement mixed @ 14.4 ppg & 1.24 yld. With 102 bbls cement returned to pit. Nipple down Bop's. Drop slips @72,000 #'s tension. Release rig 2:30 PM 10/28/08.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Alvin Nielsen

Signature

Alvin Nielsen

Title

Drilling Foreman

Date

10/28/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Office

Date

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

OCT 30 2008

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

<u>5 1/2"</u> CASING SET AT <u>6004.76</u>	Flt cllr @ <u>5963.38</u> OPERATOR <u>Newfield Production Company</u> WELL <u>Beluga Fed S-8-9-17</u> FIELD/PROSPECT <u>Monument Butte</u> CONTRACTOR & RIG # <u>NDSI Rig # 2</u>
LAST CASING <u>8 5/8"</u> SET AT <u>312'</u> DATUM <u>12' KB</u> DATUM TO CUT OFF CASING <u>12'</u> DATUM TO BRADENHEAD FLANGE _____ TD DRILLER <u>6059'</u> Logger <u>6027'</u> HOLE SIZE <u>7 7/8"</u>	

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		6.00' short jt @ 3892'					
149	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5949.38
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	42.13
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6006.76
TOTAL LENGTH OF STRING		6042.45	150	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		352.21	9	CASING SET DEPTH			6004.76
TOTAL		6379.41	159	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6343.72	159				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		10/28/2008	2:00 AM	GOOD CIRC THRU JOB <u>Yes</u>			
CSG. IN HOLE		10/28/2008	7:00 AM	Bbls CMT CIRC TO SURFACE <u>102</u>			
BEGIN CIRC		10/28/2008	7:00 AM	RECIPROCATED PIPE FOR <u>THRUSTROKE</u> NO			
BEGIN PUMP CMT		10/28/2008	8:15 AM	DID BACK PRES. VALVE HOLD ? <u>Yes</u>			
BEGIN DSPL. CMT		10/28/2008	9:26	BUMPED PLUG TO <u>2300</u> PSI			
PLUG DOWN		10/28/2008	9:55 AM				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	350	Premlite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.49 cf/sk yield					
2	450	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE <u>Alvin Nielsen</u>	DATE <u>10/28/2008</u>
---	------------------------

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-74398
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: BELUGA UNIT
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1935 FSL 725 FEL		8. WELL NAME and NUMBER: BELUGA S-8-9-17
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESE, 8, T9S, R17E		9. API NUMBER: 4301333930
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
12/05/2008	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 11/21/08, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk
SIGNATURE DATE 12/05/2008

(This space for State use only)

RECEIVED

DEC 08 2008

DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

BELUGA S-8-9-17

9/1/2008 To 1/30/2009

11/8/2008 Day: 1

Completion

Rigless on 11/7/2008 - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5903' cement top @ 34'. Perforate stage #1. CP1 sds @ 5490-5508' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 72 shots. 142 BWTR. SIFN.

11/12/2008 Day: 2

Completion

Rigless on 11/11/2008 - Day 2a. Stage #1, CP1 sands. RU BJ Services. 880 psi on well. Frac CP1 w/ 40,806#'s of 20/40 sand in 399 bbls of Lightning 17 fluid. Broke @ 3311 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2150 psi @ ave rate of 21 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 1991 psi. Leave pressure on well. 541 BWTR. See Day 2b. Day 2b. Stage #2, LODC sands. RU Perforators LLC WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 8' perf gun. Set plug @ 5290'. Perforate LODC sds @ 5236-44', w/ 3-1/8" Slick Guns w/ 4 spf for total of 32 shots. RU BJ Services. 1840 psi on well. Perfs would not brake. RU Perforators LLC WLT. RIH w/ acid dump bailer & spot 10 gal acid @ 5344'. RU BJ services. Frac LODC w/ 24,866#'s of 20/40 sand in 366 bbls of Lightning 17 fluid. Broke @ 3802 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2713 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2168 psi. Leave pressure on well. 907 BWTR See Day 2c. Day 2c. Stage #3, A1 sands. RU Perforators LLC WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 10' perf gun. Set plug @ 5130'. Perforate A1 sds @ 5082-5092', w/ 3-1/8" Slick Guns w/ 4 spf for total of 40 shots. RU BJ Services. 1750 psi on well. Perfs would not brake. RU Perforators LLC WLT. RIH w/ acid dump bailer tag sand @ 5079' & spot 10 gal acid. RU BJ services. Frac A1 w/ 24,850#'s of 20/40 sand in 364 bbls of Lightning 17 fluid. Broke @ 4358 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2100 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 2051 psi. Leave pressure on well. 1271 BWTR. RU Perforators LLC WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 12' perf gun. Set plug @ 4890'. Perforate C sds @ 4814-4826', w/ 3-1/8" Slick Guns w/ 4 spf for total of 48 shots. SWIFN.

11/13/2008 Day: 3

Completion

Rigless on 11/12/2008 - Day 3a. Stage #4, C sands. RU BJ services. Frac C sands w/ 50,736#'s of 20/40 sand in 447 bbls of Lightning 17 fluid. Broke @ 2568 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2202 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 2652 psi. Leave pressure on well. 1718 BWTR. See day 3b. Day 3b. Stage #5, D2 sands. RU Perforators LLC WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 8' perf gun. Set plug @ 4370'. Perforate D2 sds @ 4700-08', w/ 3-1/8" Slick Guns w/ 4 spf for total of 32 shots. RU BJ Services. 1490 psi on well RU BJ services. Frac D2 w/ 30,345#'s of 20/40 sand in 389 bbls of Lightning 17 fluid. Broke @ 2884 psi. Pumped 780 gals of

fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2201 psi @ ave rate of 23.1 BPM. Pumped 504 gals of 15% HCL in flush for Stage #6. ISIP 2151 psi. Leave pressure on well. 2107 BWTR See Day 3c. Day 3c. Stage #6, GB4 sands. RU Perforators LLC WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 10' perf gun. Set plug @ 4250'. Perforate GB4 sds @ 4145-55', w/ 3-1/8" Slick Guns w/ 4 spf for total of 40 shots. RU BJ Services. 1800 psi on well. RU BJ services. Frac GB4 w/ 45,508#'s of 20/40 sand in 418 bbls of Lightning 17 fluid. Broke @ 2583 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2116 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #7. ISIP 2094 psi. Leave pressure on well. 2525 BWTR. RU Perforators LLC WLT. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 8' perf gun. Tag sand @ 4790'. Set plug @ 4087' could not get off plug. Pull out of cable head. RD Perforators LLC & BJ services. SWIFN.

11/14/2008 Day: 4

Completion

Western #1 on 11/13/2008 - MIRU WWS#1. ND 5000# frac BOPs & frac head. NU 3000# wellhead & BOPs. RU rig floor & X-over for tbq equipment. PU & talley 2 7/8" X 6' sub, 2 7/8 EUE X 2 3/8 reg X-over, Super jars, Bumper sub, 2 3/8 reg X 2 7/8 reg X-over, 2 7/8 reg X 2 7/8 IF over shot. Talley & PU 130- jts 2 7/8" J-55 tbq. Reverse circulate acid from wellbore w/ 50 BW. TIH w/ 1- jt tbq, latch onto fish. Jar fish loose & TOH w/ 46- jts 2 7/8" tbq. Well started flowing, start flowing well back @ 3 BPM. Csg bridged off, TOH w/ 2- jts tbq & well started flowing again. Flow well to pit @ 3 BPM until turning to oil. Recovered 320 BW. SWIFN.

11/15/2008 Day: 5

Completion

Western #1 on 11/14/2008 - Check pressure on well: 1000 psi csg, 900 psi tbq. Bleed off pressure. TIH w/ 48- jts 2 7/8" J-55 tbq. Wait for WLT. RU Perforators LLC WLT. RIH w/ perf gun & shot 2- holes in tbq from 4010-11'. POOH w/ wireline. RD WLT. Circulate well w/ 10# brine water until dead. TOH w/ 130- jts 2 7/8" J-55 tbq. LD fishing tools & perf gun. TIH w/ 4 3/4" chomp bit & 26- jts 2 7/8" tbq. Well began flowing. Install tbq disc. TIH w/ additional 109- jts 2 7/8" tbq. Tag plug @ 4074', PUH & place EOT @ 4074'. Set up csg to flow up flow line on adjustable choke. SDFN.

11/18/2008 Day: 6

Completion

Western #1 on 11/17/2008 - Check pressure on well, 100 psi csg & 0 psi tbq. RU power swivel & pump lines. Wait on change over sub for power swivel. Drill up plug @ 4087' in 19 min. Wait on KCL water. Displace well w/ 105 bbls KCL. TOH w/ 134- jts 2 7/8" J-55 tbq. RU Perforators LLC WLT. RIH w/ 6K solid composite plug & set @ 4080'. ND 3000# BOPs & wellhead. NU 5000# BOPs & frac head. RU hot oiler & pressure test BOPs, wellhead & plug to 4500 psi. RIH w/ 8' perf gun. Perforate stage #7 GB2 sds @ 4064-4072' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 32 shots. POOH w/ wireline. Brake down GB2 sands w/ hot oiler @ 3200 psi. Establish injection rate of 1/2 BPM @ 1900 psi. RD Perforators WLT & hot oiler. SDFN.

11/19/2008 Day: 7

Completion

Western #1 on 11/18/2008 - Wait on BJ services. RU BJ Services. 360 psi on well. Frac GB2 sands w/ 31,820#'s of 20/40 sand in 359 bbls of Lightning 17 fluid. Broke @ 2830 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2406 psi @ ave rate of 23.3 BPM. Flow well back

immediately @ 3 BPM until dead. Well flowed for 1 1/2 hours then died. Recovered 216 bbls. ND 5000# BOPs & frac head. NU 3000# wellhead & BOPs. RU rig floor. TIH w/ 4 3/4" chomp bit & 133- jts 2 7/8" J-55 tbg. tag plug @ 4080'. RU power swivel, pump & pump lines. Drill up plug in 90 minutes. Circulate well clean. SWIFN. Drain pump & pump lines.

11/20/2008 Day: 8

Completion

Western #1 on 11/19/2008 - Check pressure on well, 550 psi csg & tbg. Circulate well dead. PU tbg & tag plug @ 4250'. Drill out plug in 49 min. Continue PU tbg & tag plug @ 4730'. Drill out plug in 37 min. Cont PU tbg & tag plug @ 4890'. Drill out plug in 32 min. Cont PU tbg & tag plug @ 5130'. Drill out plug in 46 min. Cont PU tbg & tag plug @ 5290'. Drill out plug in 52 min. Cont PU tbg & tag fill @ 5493'. Clean out to 5900' & circulate well clean. SWIFN. Drain pump & pump lines.

11/21/2008 Day: 9

Completion

Western #1 on 11/20/2008 - Check pressure on well, 500 psi csg & 300 psi tbg. Continue to clean out to PBTD @ 5961'. Circulate well clean. LD 13- jts tbg. Well started flowing. Circulate well w/ 140 bbls 10# brine water to kill well. TOOH w/ 180- jts 2 7/8" tbg, LD 4 3/4" chomp bit. TIH w/ tbg as follows: 2 7/8" NC, 2- jts 2 7/8" J-55 tbg, SN, 1- jt 2 7/8" tbg, TAC, 177- jts 2 7/8" J-55 tbg. RD rig floor & tbg equip. ND BOPs. Set TA @ 5479' w/ 16000# tension. NU wellhead. Flush tbg w/ 60 BW. X-over to rod equip. PU & prime CDI 2 1/2" X 1 3/4" X 16' X 20' RHAC rod pump. TIH w/ rods as follows: 1 5/8" X 6 1/2" 21,000# shear coupling, 4- 1 1/2" weight rods, 170- 7/8" guided rods, 1 1/2" X 26' polished rod. SDFN.

11/22/2008 Day: 10

Completion

Western #1 on 11/21/2008 - Check pressure on well, 600 psi csg & 0 psi on well. Continue PU rods. Rod detail as follows: 2 1/2" X 1 3/4" X 16' X 20' RHAC rod pump, 21,000# shear coupling, 4 1 1/2" weight rods, 216- 7/8" guided rods (8- guides per rod), 2' X 7/8" pony rod, 1 1/2" X 26' polished rod. RU pumping unit. W/ tbg full, stroke test pump w/ unit to 800 psi. PWOP @ 10:00 am w/ 122" SL & 5 SPM. Final Report!

Pertinent Files: Go to File List

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resrv., Other: _____						5. Lease Serial No. UTU-74398			
2. Name of Operator NEWFIELD EXPLORATION COMPANY						6. If Indian, Allottee or Tribe Name NA			
3. Address 1401 17TH ST. SUITE 1000 DENVER, CO 80202						7. Unit or CA Agreement Name and No. FEDERAL			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1935' FSL & 725' FEL (NE/SE) SEC. 8, T9S, R17E At top prod. interval reported below At total depth 6059' 1160 fsl 1374 fel per HSM review						8. Lease Name and Well No. FEDERAL S-8-9-17			
14. Date Spudded 10/07/2008						9. AFI Well No. 43-013-33930			
15. Date T.D. Reached 10/27/2008						10. Field and Pool or Exploratory MONUMENT BUTTE			
16. Date Completed 11/21/2008 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.						11. Sec., T., R., M., on Block and Survey or Area SEC. 8, T9S, R17E			
18. Total Depth: MD 6321' TVD 6195'						12. County or Parish DUCHESNE			
19. Plug Back T.D.: MD 6291' TVD 6165						13. State UT			
20. Depth Bridge Plug Set: MD TVD						17. Elevations (DF, RKB, RT, GL)* 5306' GL 5318' KB			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND						22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)			
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#		312'		160 CLASS G		34'	
7-7/8"	5-1/2" J-55	15.5#		6005'		350 PRIMLITE			
						450 50/50 POZ			
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2-7/8"	EOT@ 557'	TA @5479'							
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) GREEN RIVER			(CP1) 5490-5508'	.49"	4	72			
B)			(LODC) 5236-5244'	.49"	4	32			
C)			(A1) 5082-5092'	.49"	4	40			
D)			(C) 4814-4826'	.49"	4	48			
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval	Amount and Type of Material								
5490-5508'	Frac w/ 40806# of 20/40 snd 399 bbls fluid								
5236-5244'	Frac w/ 24866# 20/40 snd 366 bbls fluid								
5082-5092'	Frac w/ 24850# 20/40 snd 364 bbls fluid								
4814-4826'	Frac w/ 50736# 20/40 snd 447 bbls fluid								
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/21/08	11/25/08	24	→	60	0	35			2-1/2" x 1-3/4" x 16 x 20' RHAC Rod Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	
28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

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DIV. OF OIL, GAS & MINING

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3613' 3812'
				GARDEN GULCH 2 POINT 3	3927' 4192'
				X MRKR Y MRKR	4442' 4482'
				DOUGALS CREEK MRK BI CARBONATE MRK	4613' 4858'
				B LIMESTON MRK CASTLE PEAK	4983' 5434'
				BASAL CARBONATE TOTAL DEPTH (LOGGERS)	5863' 6027'

32. Additional remarks (include plugging procedure):

(D2) 4700-4708' .49" 4/32 4700-4708' Frac w/ 30345#'s of 20/40 sand in 389 bbls of fluid
 (GB4) 4145-4155' .49" 4/40 4145-4155' Frac w/ 45508#'s of 20/40 sand in 418 bbls of fluid
 (GB2) 4064-4072' .49" 4/32 4064-4072' Frac w/ 31820#'s of 20/40 sand in 359 bbls of fluid

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Tammi LeeTitle Production ClerkSignature Date 12/04/2008

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)



**Scientific
Drilling**

Directional Survey Certification

7327 West Barton Road

Casper, WY 82604

(307)-472-6621 Fax (307) 472-5439

Operator	<u>Newfield Exploration Co.</u>
Well Name & No.	<u>Beluga Unit S-8-9-17</u>
County & State	<u>Duchesne County, UT</u>
SDI Job No.	<u>42DEF0810888</u>
Rig	<u>NDSI 2</u>

I, Julie Cruse, having personal knowledge of all the facts, hereby
certify that the attached directional survey run from a measured depth of 0 feet to a
measured depth of 6059 feet is true and correct as determined from all available records.

Julie Cruse
Signature

30-Oct-08
Date

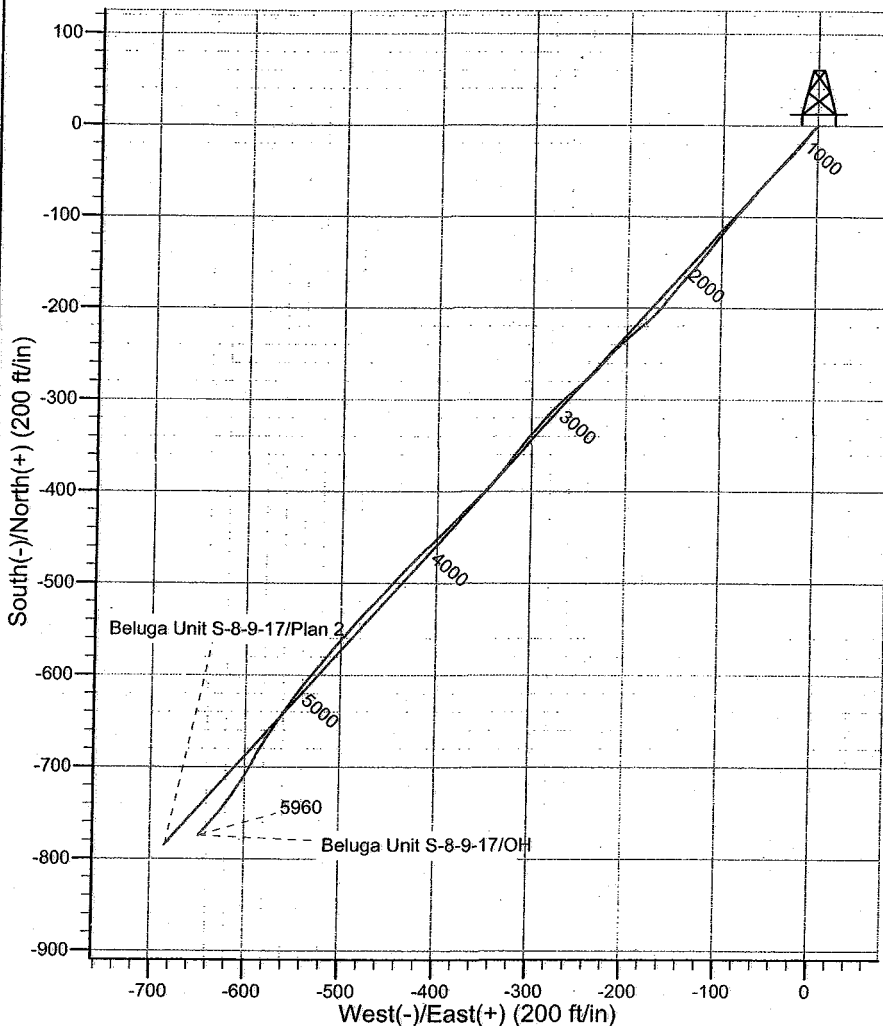
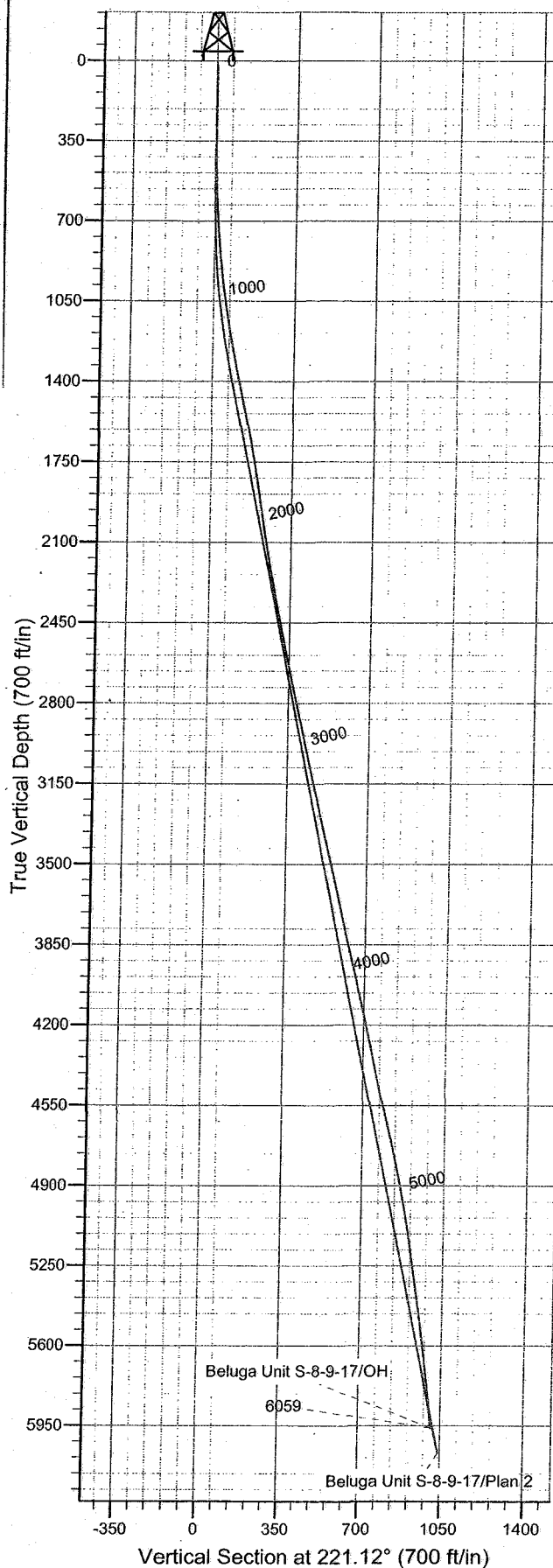
Julie Cruse
Rockies Region Engineer
Scientific Drilling - Rocky Mountain District



Scientific Drilling
Rocky Mountain Operations

Project: Duchesne County, UT NAD83 UTC
Site: Beluga Unit
Well: Beluga Unit S-8-9-17
Wellbore: OH
Design: OH

Newfield Exploration Co.



WELL DETAILS: Beluga Unit S-8-9-17

+N/-S	+E/-W	Ground Level: GL 5306' & RKB 12' @ 5318.00ft (NDSI 2)
		Northing Easting Latitude Longitude
0.00	0.00	7188001.32 2053731.32 40° 2' 36.670 N 110° 1' 24.980 W

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Beluga Unit S-8-9-17, True North
Vertical (TVD) Reference: GL 5306' & RKB 12' @ 5318.00ft (NDSI 2)
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: GL 5306' & RKB 12' @ 5318.00ft (NDSI 2)
Calculation Method: Minimum Curvature
Local North: True
Location:

PROJECT DETAILS: Duchesne County, UT NAD83 UTC

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone

Design: OH (Beluga Unit S-8-9-17/OH)

Created By: Gregg Detweiler Date: 2008-10-29



Scientific Drilling
Rocky Mountain Operations

Newfield Exploration Co.

Duchesne County, UT NAD83 UTC

Beluga Unit

Beluga Unit S-8-9-17

OH

Design: OH

Standard Survey Report

29 October, 2008

Scientific Drilling

Survey Report

Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Beluga Unit
Well: Beluga Unit S-8-9-17
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Beluga Unit S-8-9-17
TVD Reference: GL 5306' & RKB 12' @ 5318.00ft (NDSI 2)
MD Reference: GL 5306' & RKB 12' @ 5318.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Multi User DB

Project	Duchesne County, UT NAD83 UTC		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	Beluga Unit,		
Site Position:		Northing:	7,186,685.53 ft
From:	Lat/Long	Easting:	2,052,488.32 ft
Position Uncertainty:	0.00 ft	Slot Radius:	in
		Latitude:	40° 2' 23.870 N
		Longitude:	110° 1' 41.240 W
		Grid Convergence:	0.94 °

Well	Beluga Unit S-8-9-17, 1935' FSL 725' FEL Sec 8 R9S R17E		
Well Position	+N/-S	0.00 ft	Northing: 7,188,001.32 ft
	+E/-W	0.00 ft	Easting: 2,053,731.32 ft
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft
		Latitude:	40° 2' 36.670 N
		Longitude:	110° 1' 24.980 W
		Ground Level:	5,306.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	10/14/2008	11.63	65.88	52,567

Design	OH			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	221.12

Survey Program	Date 10/29/2008			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
344.00	6,059.00	Survey #1 (OH)	MWD	MWD - Standard

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
344.00	0.24	232.15	344.00	-0.44	-0.57	0.71	0.07	0.07	0.00
First MWD Survey									
374.00	0.20	232.99	374.00	-0.51	-0.66	0.82	0.13	-0.13	2.80
405.00	0.78	218.72	405.00	-0.71	-0.84	1.08	1.90	1.87	-46.03
436.00	0.95	219.52	435.99	-1.07	-1.13	1.55	0.55	0.55	2.58
466.00	1.51	220.86	465.99	-1.56	-1.55	2.20	1.87	1.87	4.47
497.00	1.74	222.00	496.97	-2.22	-2.13	3.07	0.75	0.74	3.68
528.00	2.29	227.24	527.96	-2.99	-2.90	4.16	1.87	1.77	16.90
558.00	2.74	226.44	557.93	-3.89	-3.86	5.47	1.50	1.50	-2.67
589.00	3.00	227.58	588.89	-4.95	-5.00	7.01	0.86	0.84	3.68
620.00	3.10	221.06	619.84	-6.13	-6.14	8.66	1.16	0.32	-21.03
651.00	3.48	216.87	650.79	-7.51	-7.26	10.44	1.45	1.23	-13.52

Scientific Drilling

Survey Report

Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Beluga Unit
Well: Beluga Unit S-8-9-17
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Beluga Unit S-8-9-17
TVD Reference: GL 5306' & RKB 12' @ 5318.00ft (NDSI 2)
MD Reference: GL 5306' & RKB 12' @ 5318.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Multi User DB

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
681.00	4.04	217.50	680.73	-9.08	-8.45	12.40	1.87	1.87	2.10
712.00	4.23	217.09	711.65	-10.86	-9.80	14.63	0.62	0.61	-1.32
743.00	4.70	211.87	742.55	-12.85	-11.16	17.02	2.00	1.52	-16.84
773.00	4.93	215.79	772.45	-14.94	-12.57	19.52	1.34	0.77	13.07
804.00	5.42	217.14	803.32	-17.19	-14.23	22.31	1.63	1.58	4.35
835.00	5.30	217.44	834.19	-19.49	-15.98	25.20	0.40	-0.39	0.97
865.00	5.98	219.72	864.04	-21.79	-17.82	28.14	2.39	2.27	7.60
906.00	6.35	221.88	904.80	-25.12	-20.70	32.54	1.06	0.90	5.27
938.00	6.65	221.51	936.60	-27.83	-23.11	36.16	0.95	0.94	-1.16
969.00	6.99	222.82	967.38	-30.56	-25.58	39.85	1.21	1.10	4.23
1,001.00	7.65	223.12	999.12	-33.54	-28.36	43.92	2.07	2.06	0.94
1,033.00	7.91	222.24	1,030.82	-36.73	-31.30	48.25	0.89	0.81	-2.75
1,065.00	8.31	221.98	1,062.50	-40.07	-34.33	52.76	1.26	1.25	-0.81
1,096.00	8.78	224.96	1,093.16	-43.41	-37.50	57.36	2.08	1.52	9.61
1,128.00	9.26	223.53	1,124.76	-47.01	-41.00	62.37	1.66	1.50	-4.47
1,160.00	9.44	222.68	1,156.34	-50.80	-44.55	67.57	0.71	0.56	-2.66
1,191.00	10.04	222.28	1,186.89	-54.67	-48.09	72.81	1.95	1.94	-1.29
1,223.00	10.30	220.62	1,218.39	-58.91	-51.83	78.46	1.22	0.81	-5.19
1,255.00	10.64	219.67	1,249.85	-63.35	-55.58	84.28	1.19	1.06	-2.97
1,287.00	10.99	219.63	1,281.29	-67.98	-59.41	90.28	1.09	1.09	-0.12
1,318.00	11.24	219.90	1,311.70	-72.57	-63.23	96.25	0.82	0.81	0.87
1,350.00	11.70	218.52	1,343.07	-77.50	-67.25	102.61	1.67	1.44	-4.31
1,382.00	11.88	218.86	1,374.39	-82.60	-71.34	109.14	0.60	0.56	1.06
1,414.00	12.11	219.58	1,405.69	-87.76	-75.54	115.79	0.86	0.72	2.25
1,445.00	12.37	220.24	1,435.99	-92.80	-79.76	122.36	0.95	0.84	2.13
1,477.00	12.52	218.46	1,467.24	-98.13	-84.13	129.25	1.29	0.47	-5.56
1,509.00	12.28	218.59	1,498.49	-103.51	-88.41	136.12	0.76	-0.75	0.41
1,540.00	11.75	217.94	1,528.81	-108.57	-92.41	142.56	1.76	-1.71	-2.10
1,572.00	11.23	214.92	1,560.17	-113.70	-96.20	148.91	2.48	-1.62	-9.44
1,604.00	11.01	215.97	1,591.57	-118.72	-99.78	155.06	0.93	-0.69	3.28
1,636.00	10.54	216.83	1,623.00	-123.54	-103.32	161.02	1.55	-1.47	2.69
1,667.00	10.64	217.90	1,653.48	-128.07	-106.78	166.70	0.71	0.32	3.45
1,699.00	10.52	218.19	1,684.93	-132.70	-110.40	172.57	0.41	-0.37	0.91
1,731.00	10.43	217.88	1,716.40	-137.28	-113.99	178.38	0.33	-0.28	-0.97
1,762.00	10.12	217.56	1,746.90	-141.65	-117.37	183.90	1.02	-1.00	-1.03
1,794.00	9.80	218.85	1,778.42	-146.00	-120.79	189.43	1.22	-1.00	4.03
1,826.00	9.42	217.19	1,809.97	-150.21	-124.08	194.76	1.47	-1.19	-5.19
1,858.00	9.43	218.73	1,841.54	-154.34	-127.31	199.99	0.79	0.03	4.81
1,889.00	9.29	218.81	1,872.12	-158.27	-130.46	205.03	0.45	-0.45	0.26
1,921.00	9.28	221.51	1,903.71	-162.21	-133.79	210.19	1.36	-0.03	8.44
1,953.00	9.31	220.91	1,935.29	-166.10	-137.20	215.36	0.32	0.09	-1.87
1,984.00	9.19	220.91	1,965.88	-169.87	-140.46	220.34	0.39	-0.39	0.00
2,016.00	9.10	220.41	1,997.48	-173.73	-143.78	225.43	0.38	-0.28	-1.56
2,048.00	9.03	219.85	2,029.08	-177.58	-147.03	230.47	0.35	-0.22	-1.75
2,080.00	8.92	217.57	2,060.68	-181.48	-150.15	235.45	1.16	-0.34	-7.12
2,111.00	9.34	217.47	2,091.29	-185.38	-153.14	240.36	1.36	1.35	-0.32
2,143.00	9.38	217.38	2,122.87	-189.51	-156.31	245.56	0.13	0.12	-0.28
2,175.00	9.73	217.29	2,154.42	-193.73	-159.53	250.86	1.09	1.09	-0.28
2,207.00	10.25	218.74	2,185.94	-198.11	-162.95	256.40	1.81	1.62	4.53
2,238.00	10.21	219.35	2,216.44	-202.38	-166.41	261.90	0.37	-0.13	1.97
2,270.00	10.44	222.52	2,247.93	-206.71	-170.17	267.64	1.92	0.72	9.91
2,302.00	11.04	226.72	2,279.37	-210.95	-174.36	273.58	3.08	1.87	13.12
2,334.00	11.71	227.98	2,310.74	-215.22	-179.01	279.86	2.23	2.09	3.94
2,365.00	12.10	229.71	2,341.07	-219.43	-183.82	286.19	1.71	1.26	5.58

Scientific Drilling

Survey Report

Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Beluga Unit
Well: Beluga Unit S-8-9-17
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Beluga Unit S-8-9-17
TVD Reference: GL 5306' & RKB 12' @ 5318.00ft (NDSI 2)
MD Reference: GL 5306' & RKB 12' @ 5318.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Multi User DB

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
2,397.00	12.04	229.01	2,372.36	-223.79	-188.90	292.81	0.49	-0.19	-2.19
2,429.00	12.24	228.22	2,403.65	-228.24	-193.95	299.49	0.81	0.62	-2.47
2,461.00	12.11	227.54	2,434.93	-232.76	-198.95	306.19	0.60	-0.41	-2.12
2,492.00	12.14	227.38	2,465.24	-237.17	-203.75	312.66	0.15	0.10	-0.52
2,524.00	11.73	224.67	2,496.54	-241.76	-208.51	319.25	2.17	-1.28	-8.47
2,556.00	11.92	223.29	2,527.86	-246.48	-213.07	325.80	1.06	0.59	-4.31
2,588.00	11.82	221.49	2,559.18	-251.34	-217.50	332.38	1.20	-0.31	-5.62
2,619.00	11.90	221.56	2,589.52	-256.11	-221.73	338.75	0.26	0.26	0.23
2,651.00	11.94	219.41	2,620.83	-261.13	-226.02	345.36	1.39	0.12	-6.72
2,703.00	12.13	222.98	2,671.69	-269.29	-233.16	356.20	1.48	0.37	6.87
2,734.00	12.47	225.00	2,701.98	-274.04	-237.75	362.79	1.77	1.10	6.52
2,766.00	12.86	228.86	2,733.20	-278.82	-242.87	369.77	2.91	1.22	12.06
2,798.00	13.26	227.69	2,764.37	-283.64	-248.27	376.94	1.50	1.25	-3.66
2,830.00	13.89	227.57	2,795.48	-288.70	-253.81	384.40	1.97	1.97	-0.37
2,861.00	13.83	229.05	2,825.57	-293.64	-259.36	391.77	1.16	-0.19	4.77
2,893.00	13.42	227.43	2,856.67	-298.65	-264.98	399.25	1.75	-1.28	-5.06
2,925.00	12.80	223.92	2,887.84	-303.72	-270.18	406.48	3.15	-1.94	-10.97
2,957.00	12.49	223.42	2,919.06	-308.79	-275.01	413.48	1.03	-0.97	-1.56
2,988.00	12.63	222.32	2,949.32	-313.73	-279.60	420.22	0.89	0.45	-3.55
3,020.00	12.38	220.36	2,980.56	-318.93	-284.18	427.15	1.54	-0.78	-6.12
3,052.00	12.21	219.17	3,011.83	-324.17	-288.54	433.96	0.95	-0.53	-3.72
3,083.00	12.31	220.58	3,042.12	-329.22	-292.76	440.54	1.02	0.32	4.55
3,115.00	12.64	219.87	3,073.37	-334.50	-297.22	447.45	1.14	1.03	-2.22
3,147.00	12.53	219.39	3,104.60	-339.86	-301.67	454.42	0.47	-0.34	-1.50
3,179.00	13.17	219.43	3,135.79	-345.36	-306.19	461.53	2.00	2.00	0.12
3,210.00	13.48	220.36	3,165.96	-350.84	-310.77	468.68	1.22	1.00	3.00
3,242.00	13.17	217.33	3,197.10	-356.59	-315.39	476.04	2.39	-0.97	-9.47
3,274.00	12.91	218.25	3,228.27	-362.29	-319.82	483.25	1.04	-0.81	2.87
3,306.00	12.86	215.89	3,259.47	-367.98	-324.12	490.37	1.65	-0.16	-7.37
3,337.00	12.64	217.22	3,289.70	-373.48	-328.19	497.19	1.18	-0.71	4.29
3,369.00	12.90	217.40	3,320.91	-379.11	-332.48	504.24	0.82	0.81	0.56
3,401.00	12.91	218.75	3,352.10	-384.73	-336.89	511.38	0.94	0.03	4.22
3,432.00	13.08	221.16	3,382.31	-390.07	-341.36	518.35	1.83	0.55	7.77
3,464.00	13.72	220.63	3,413.44	-395.68	-346.22	525.76	2.04	2.00	-1.66
3,496.00	13.80	221.54	3,444.52	-401.42	-351.22	533.38	0.72	0.25	2.84
3,528.00	13.92	223.85	3,475.59	-407.05	-356.42	541.04	1.77	0.37	7.22
3,559.00	13.52	224.28	3,505.70	-412.33	-361.53	548.38	1.33	-1.29	1.39
3,591.00	13.40	224.40	3,536.83	-417.66	-366.74	555.82	0.39	-0.37	0.37
3,622.00	13.55	225.58	3,566.97	-422.77	-371.84	563.02	1.01	0.48	3.81
3,654.00	13.18	226.24	3,598.11	-427.91	-377.16	570.39	1.25	-1.16	2.06
3,686.00	12.93	225.34	3,629.28	-432.95	-382.34	577.60	1.01	-0.78	-2.81
3,717.00	12.52	223.74	3,659.52	-437.82	-387.13	584.41	1.74	-1.32	-5.16
3,749.00	12.52	223.03	3,690.76	-442.86	-391.89	591.34	0.48	0.00	-2.22
3,781.00	12.54	224.86	3,721.99	-447.86	-396.71	598.28	1.24	0.06	5.72
3,813.00	12.63	223.54	3,753.23	-452.86	-401.57	605.24	0.94	0.28	-4.12
3,844.00	13.04	224.06	3,783.45	-457.83	-406.34	612.12	1.37	1.32	1.68
3,876.00	13.31	225.86	3,814.61	-462.99	-411.49	619.39	1.53	0.84	5.62
3,908.00	13.47	224.66	3,845.74	-468.20	-416.75	626.79	1.00	0.50	-3.75
3,939.00	13.39	223.84	3,875.89	-473.36	-421.78	633.97	0.67	-0.26	-2.65
3,971.00	13.50	223.13	3,907.01	-478.76	-426.90	641.41	0.62	0.34	-2.22
4,003.00	13.74	222.55	3,938.11	-484.28	-432.02	648.94	0.86	0.75	-1.81
4,035.00	13.53	221.00	3,969.21	-489.91	-437.05	656.48	1.32	-0.66	-4.84
4,066.00	13.34	221.22	3,999.36	-495.34	-441.78	663.69	0.63	-0.61	0.71
4,098.00	13.03	219.39	4,030.52	-500.90	-446.50	670.98	1.62	-0.97	-5.72

Scientific Drilling

Survey Report

Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Beluga Unit
Well: Beluga Unit S-8-9-17
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Beluga Unit S-8-9-17
TVD Reference: GL 5306' & RKB 12' @ 5318.00ft (NDSI 2)
MD Reference: GL 5306' & RKB 12' @ 5318.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Multi User DB

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,130.00	12.96	222.13	4,061.70	-506.35	-451.20	678.18	1.94	-0.22	8.56
4,161.00	12.51	221.32	4,091.94	-511.45	-455.75	685.01	1.56	-1.45	-2.61
4,193.00	12.74	222.93	4,123.17	-516.64	-460.44	692.00	1.31	0.72	5.03
4,225.00	12.62	221.53	4,154.39	-521.84	-465.16	699.02	1.03	-0.37	-4.37
4,256.00	12.65	223.52	4,184.63	-526.83	-469.74	705.80	1.41	0.10	6.42
4,288.00	12.56	221.33	4,215.86	-531.99	-474.46	712.78	1.52	-0.28	-6.84
4,320.00	12.24	222.19	4,247.12	-537.11	-479.03	719.65	1.15	-1.00	2.69
4,352.00	11.36	221.35	4,278.44	-541.99	-483.39	726.20	2.80	-2.75	-2.62
4,383.00	11.09	219.85	4,308.85	-546.57	-487.32	732.23	1.28	-0.87	-4.84
4,414.00	11.49	218.66	4,339.25	-551.27	-491.16	738.30	1.49	1.29	-3.84
4,446.00	11.65	218.24	4,370.60	-556.30	-495.15	744.71	0.57	0.50	-1.31
4,478.00	11.82	218.74	4,401.93	-561.39	-499.20	751.21	0.62	0.53	1.56
4,509.00	12.31	220.61	4,432.24	-566.38	-503.34	757.69	2.02	1.58	6.03
4,541.00	12.34	220.60	4,463.51	-571.56	-507.78	764.52	0.09	0.09	-0.03
4,573.00	12.68	218.11	4,494.75	-576.92	-512.18	771.44	1.99	1.06	-7.78
4,605.00	13.22	219.56	4,525.93	-582.51	-516.67	778.61	1.97	1.69	4.53
4,636.00	13.31	219.59	4,556.11	-587.99	-521.21	785.72	0.29	0.29	0.10
4,668.00	13.67	219.43	4,587.22	-593.75	-525.95	793.18	1.13	1.12	-0.50
4,700.00	13.69	218.05	4,618.31	-599.65	-530.69	800.74	1.02	0.06	-4.31
4,732.00	13.80	217.83	4,649.40	-605.65	-535.37	808.33	0.38	0.34	-0.69
4,763.00	13.56	217.80	4,679.52	-611.44	-539.86	815.65	0.77	-0.77	-0.10
4,795.00	12.90	216.89	4,710.67	-617.26	-544.30	822.96	2.16	-2.06	-2.84
4,827.00	12.36	213.88	4,741.90	-622.96	-548.36	829.92	2.66	-1.69	-9.41
4,858.00	12.42	213.16	4,772.17	-628.51	-552.03	836.51	0.53	0.19	-2.32
4,890.00	12.14	213.10	4,803.44	-634.21	-555.75	843.25	0.88	-0.87	-0.19
4,922.00	11.76	213.19	4,834.75	-639.75	-559.37	849.81	1.19	-1.19	0.28
4,954.00	11.21	213.41	4,866.11	-645.08	-562.87	856.13	1.72	-1.72	0.69
4,985.00	10.79	211.75	4,896.54	-650.06	-566.06	861.97	1.70	-1.35	-5.35
5,017.00	10.32	213.34	4,928.00	-655.00	-569.21	867.77	1.73	-1.47	4.97
5,049.00	10.08	213.35	4,959.49	-659.74	-572.32	873.38	0.75	-0.75	0.03
5,080.00	10.11	212.29	4,990.01	-664.30	-575.27	878.76	0.61	0.10	-3.42
5,112.00	9.98	212.91	5,021.52	-669.01	-578.27	884.28	0.53	-0.41	1.94
5,144.00	9.88	210.80	5,053.04	-673.69	-581.19	889.73	1.18	-0.31	-6.59
5,176.00	9.56	211.06	5,084.58	-678.33	-583.96	895.04	1.01	-1.00	0.81
5,207.00	9.55	207.86	5,115.15	-682.81	-586.49	900.08	1.71	-0.03	-10.32
5,239.00	9.32	205.70	5,146.72	-687.49	-588.86	905.16	1.32	-0.72	-6.75
5,271.00	9.10	204.37	5,178.31	-692.13	-591.03	910.08	0.96	-0.69	-4.16
5,302.00	9.08	206.65	5,208.92	-696.55	-593.13	914.80	1.16	-0.06	7.35
5,334.00	8.89	207.93	5,240.52	-700.99	-595.43	919.65	0.86	-0.59	4.00
5,366.00	8.64	210.66	5,272.15	-705.24	-597.81	924.42	1.52	-0.78	8.53
5,387.31	8.41	211.65	5,293.22	-707.94	-599.44	927.53	1.29	-1.10	4.62
BU S-8-9-17 PBHL 2									
5,398.00	8.29	212.16	5,303.80	-709.26	-600.26	929.07	1.29	-1.09	4.82
5,429.00	7.96	211.07	5,334.49	-712.99	-602.56	933.39	1.17	-1.06	-3.52
5,461.00	7.83	212.92	5,366.19	-716.72	-604.89	937.73	0.89	-0.41	5.78
5,493.00	7.74	213.81	5,397.89	-720.34	-607.27	942.02	0.47	-0.28	2.78
5,524.00	8.13	213.87	5,428.60	-723.89	-609.66	946.27	1.26	1.26	0.19
5,556.00	8.24	212.49	5,460.27	-727.71	-612.15	950.78	0.70	0.34	-4.31
5,588.00	8.57	214.38	5,491.93	-731.61	-614.73	955.41	1.34	1.03	5.91
5,620.00	8.14	213.63	5,523.59	-735.46	-617.33	960.03	1.39	-1.34	-2.34
5,651.00	7.91	214.99	5,554.28	-739.04	-619.77	964.32	0.96	-0.74	4.39
5,683.00	7.62	215.02	5,585.99	-742.58	-622.25	968.62	0.91	-0.91	0.09
5,715.00	7.38	217.83	5,617.72	-745.94	-624.72	972.78	1.37	-0.75	8.78
5,747.00	6.99	220.23	5,649.46	-749.05	-627.24	976.78	1.54	-1.22	7.50
5,779.00	6.73	220.59	5,681.24	-751.96	-629.72	980.60	0.82	-0.81	1.12

Scientific Drilling

Survey Report

Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Beluga Unit
Well: Beluga Unit S-8-9-17
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Beluga Unit S-8-9-17
TVD Reference: GL 5306' & RKB 12' @ 5318.00ft (NDSI 2)
MD Reference: GL 5306' & RKB 12' @ 5318.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Multi User DB

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,810.00	6.70	217.65	5,712.02	-754.77	-632.01	984.23	1.11	-0.10	-9.48
5,842.00	6.43	218.44	5,743.81	-757.65	-634.26	987.88	0.89	-0.84	2.47
5,874.00	6.21	219.50	5,775.62	-760.39	-636.48	991.40	0.78	-0.69	3.31
5,905.00	6.29	221.40	5,806.43	-762.96	-638.66	994.77	0.72	0.26	6.13
5,937.00	5.96	222.11	5,838.25	-765.51	-640.94	998.19	1.06	-1.03	2.22
5,969.00	5.46	222.51	5,870.09	-767.86	-643.08	1,001.37	1.57	-1.56	1.25
6,000.00	5.56	219.44	5,900.95	-770.11	-645.03	1,004.35	1.00	0.32	-9.90
6,059.00	5.56	219.44	5,959.67	-774.52	-648.66	1,010.06	0.00	0.00	0.00

Projection to TD

Targets

Target Name

- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- Shape									
BU S-8-9-17 PBHL	0.00	0.00	6,070.00	-665.74	-581.17	7,187,326.07	2,053,161.21	40° 2' 30.090 N	110° 1' 32.453 W
- actual wellpath misses target center by 169.00ft at 6059.00ft MD (5959.67 TVD, -774.52 N, -648.66 E)									
- Circle (radius 75.00)									
BU S-8-9-17 PBHL 2	0.00	0.00	5,300.00	-665.74	-581.17	7,187,326.07	2,053,161.21	40° 2' 30.090 N	110° 1' 32.453 W
- actual wellpath misses target center by 46.48ft at 5387.41ft MD (5293.32 TVD, -707.96 N, -599.45 E)									
- Circle (radius 75.00)									

Checked By: _____ Approved By: _____ Date: _____